

PATENT STATEMENT AND LICENSING DECLARATION FORM FOR  
ITU-T OR ITU-R RECOMMENDATION | ISO OR IEC DELIVERABLE



**Patent Statement and Licensing Declaration**  
**for ITU-T or ITU-R Recommendation | ISO or IEC Deliverable**

*This declaration does not represent an actual grant of a license*

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**Patent Holder:**

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**Contact for license application:**

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**Document type:**

☐ ITU-T Rec. (\*) ☐ ITU-R Rec. (\*) ☐ ISO Deliverable (\*) ☐ IEC Deliverable (\*)  
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☐ **ISO/IEC Deliverable (\*)** (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(\*)Number

ISO/IEC 23008-2: HEVC High Efficiency Video Coding

(\*)Title

ITU-T: H.265 High Efficiency Video Coding

**Licensing declaration:**

The Patent Holder believes that it holds granted and/or pending applications for Patents, the use of which would be required to implement the above document and hereby declares, in accordance with the Common Patent Policy for ITU-T/ITU-R/ISO/IEC, that (check one box only):

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1. The Patent Holder is prepared to grant a Free of Charge license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and under other reasonable terms and conditions to make, use, and sell implementations of the above document.

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3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2 above.

In this case, the following information must be provided to ITU, and is strongly desired by ISO and IEC, as part of this declaration:

- granted patent number or patent application number (if pending);
- an indication of which portions of the above document are affected;
- a description of the Patents covering the above document.

**Free of Charge:** The words "Free of Charge" do not mean that the Patent Holder is waiving all of its rights with respect to the Patent. Rather, "Free of Charge" refers to the issue of monetary compensation; *i.e.*, that the Patent Holder will not seek any monetary compensation as part of the licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the implementer of the same above document sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, warranties, etc.

**Reciprocity:** The word "Reciprocity" means that the Patent Holder shall only be required to license any prospective licensee if such prospective licensee will commit to license its Patent(s) for implementation of the same above document Free of Charge or under reasonable terms and conditions.

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Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1	Granted	MX	276990	Method and apparatus for transferring video frame in telecommunication system
	Granted	US	6782053	
	Granted	US	8005145	
	Granted	ZA	2003/1088	
	Pending	BR	PI0017304.5	
	Granted	CA	2419988	
	Granted	CN	ZL00819925.6	
	Granted	CN	200610153497.6	
	Granted	EE	05596	
	Pending	HU	P0302895	
	Pending	JP	2002-520565	
	Granted	KR	828378	
	Granted	MX	244375	
	Granted	SG	95498	
	Granted	HK	1100115	
	Pending	JP	2007-139572	
2	CA	Granted	2409499	Video Coding
	CN	Granted	ZL01812477.1	
	JP	Granted	4982024	
	SG	Granted	92927	
	US	Granted	6968005	
	US	Granted	8144764	
	MX	Granted	282546	
	HK	Granted	1097977	
	CN	Pending	200810085321.0	
	KR	Granted	0984368	
	HK	Pending	08111990.9	
	KR	Granted	1012149	

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
	EP	Pending	09010864.8	
	DK	Granted	1287705	
	FR	Granted	1287705	
	DE	Granted	60141329.6	
	IE	Granted	1287705	
	IT	Granted	1287705	
	NL	Granted	1287705	
	PT	Granted	1287705	
	ES	Granted	1287705	
	TR	Granted	1287705	
	GB	Granted	1287705	
	HK	Pending	10101921.0	
3	MX	Granted	267877	Grouping of image frames in video coding
	MX	Granted	267042	
	RU	Granted	2297729	
	RU	Granted	2395173	
	RU	Granted	2402886	
	US	Granted	7894521	
	US	Granted	8204134	
	US	Granted	8050321	
	VN	Granted	10761	
	VN	Granted	10995	
	CN	Granted	ZL03802521.3	
	CN	Granted	200610009353.3	
	CN	Granted	200610009350.X	
	EP	Pending	03700321.7	

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
	EP	Pending	06101013.8	
	EP	Pending	06101014.6	
	HK	Pending	05104246.9	
	HK	Pending	06113100.4	
	HK	Pending	06113099.7	
	JP	Granted	4819562	
	KR	Granted	698938	
	KR	Granted	0959573	
	KR	Granted	0931915	
	VN	Pending	1-2010-00300	
	JP	Pending	2011-260088	
4	AU	Granted	2003281127	Method for error concealment in video sequences
	CN	Pending	03816728.X	
	EP	Pending	03740897.8	
	HK	Pending	06100990.4	
	HK	Pending	05110461.4	
	JP	Granted	4373329	
	MX	Granted	249457	
	RU	Granted	2321967	
	US	Granted	8107539	
	KR	Granted	1075860	
	CN	Pending	201110274790.9	
5	IN	Granted	220459	Picture buffering for prediction references and display
	JP	Granted	4516016	
	KR	Granted	10-769234	
	MX	Granted	257121	

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
	MY	Granted	MY-134659-A	
	PH	Granted	1-2005-500766	
	RU	Granted	2310290	
	TW	Granted	1 249356	
	US	Granted	8107744	
	HU	Granted	E001857	
	RO	Granted	1559274	
	AT	Granted	1559274	
	FR	Granted	1559274	
	DE	Granted	60313205.7	
	IT	Granted	27867 BE/2007	
	NL	Granted	1559274	
	ES	Granted	1559274	
	SE	Granted	1559274	
	CH	Granted	1559274	
	TR	Granted	TR200704822T4	
	GB	Granted	1559274	
6	US	Granted	7724818	Method for coding sequences of pictures
7	JP	Pending	2007-512569	Multiple interoperability points for scalable media coding and transmission
	KR	Granted	878058	
	MY	Pending	PI20052153	
	TW	Pending	94114993	
	US	Pending	10/844676	
	AU	Granted	2005242601	
	CN	Granted	200580020890.1	

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
	IN	Pending	7192/DELNP/2006	
	KR	Granted	0995968	
	JP	Granted	5247901	
	DE	Granted	602005036678.4	
	NL	Granted	1747673	
	GB	Granted	1747673	
8	TH	Pending	0601005025	System and method for efficient scalable stream adaptation
	TW	Granted	I341136	
	US	Pending	11/546638	
	VE	Pending	2332-06	
	AU	Granted	2006300881	
	BR	Pending	PI0617728.0	
	CN	Pending	200680044490.9	
	EP	Pending	06820789.3	
	IN	Pending	3207/DELNP/2008	
	JP	Granted	4950206	
	MY	Granted	MY-147530-A	
	MX	Granted	289300	
	RU	Granted	2407217	
	ZA	Granted	2008/3201	
	KR	Granted	1125819	
	VN	Pending	1-2008-01110	
	HK	Pending	09100628.1	
	CN	Pending	201010586087.7	
	EP	Pending	11170371.6	
	JP	Pending	2011-138904	


Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
	AU	Pending	2011202791	
	KR	Granted	10-1245576	
	US	Pending	13/197672	
	HK	Pending	11107862.7	
	IN	Pending	5661/DELNP/2011	
9	US	Pending	11/736454	SYSTEM AND METHOD FOR PROVIDING PICTURE OUTPUT INDICATIONS IN VIDEO CODING
	AU	Granted	2007311526	
	BR	Pending	PI0718205.8	
	CN	Granted	200780044601.0	
	EP	Pending	07826205.2	
	IN	Pending	2656/DELNP/2009	
	JP	Granted	4903877	
	MX	Pending	MX/a/2009/004123	
	PH	Pending	1-2009-500724	
	RU	Pending	2009117688	
	SG	Granted	151785	
	VN	Pending	1-2009-00996	
10	TW	Pending	97113223	Video Coder
	TH	Pending	0801001866	
	AU	Pending	2007350974	
	CN	Pending	200780053133.3	
	EP	Pending	07789636.3	
	IN	Pending	6520/DELNP/2009	
	ZA	Granted	2009/7916	
	KR	Granted	1132386	
	US	Pending	12/595765	

**Patent Information** (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))

No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
11	Pending	US	12/407588	COMBINED MOTION VECTOR AND REFERENCE INDEX PREDICTION FOR VIDEO CODING
	Pending	EP	09722899.3	
12	Pending	US	13/023328	APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR VIDEO CODING
	Pending	TH	1101000171	
	Pending	TW	100104118	
	Pending	CN	201180017741.5	
	Pending	EP	11739487.4	
	Pending	IN	7350/CHENP/2012	
	Pending	KR	2012-7023340	
13	Pending	US	13/177126	METHOD FOR CODING AND AN APPARATUS
	Pending	CN	201180039886.5	
	Pending	EP	11817837.5	
	Pending	IN	784/CHENP/2013	
	Pending	RU	2013104941	
	Pending	ZA	2013/00915	
	Pending	KR	2013-7003027	
14	Pending	US	13/192111	METHOD AND APPARATUS FOR PROVIDING COMPLEXITY BALANCED ENTROPY CODING
	Pending	BR	112013002029.6	
	Pending	CA	2806523	
	Pending	CN	201180043883.9	
	Pending	EP	11811919.7	
	Pending	IN	1484/CHENP/2013	
	Pending	KR	2013-7005051	
	Pending	VN	1-2013-00518	

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
15	Pending	US	13/242907	METHODS. APPARATUSES AND COMPUTER PROGRAMS FOR VIDEO CODING
	Pending	CN	PCT/IB2011/054211	
	Pending	EP	11826505.7	
	Pending	IN	3084/CHENP/2013	
	Pending	KR	2013-7010366	
16	Pending	WO	PCT/FI2011/050926	METHOD FOR VIDEO CODING AND AN APPARATUS
	Pending	TW	101138225	
	Pending	TH	1201005412	
17	Pending	WO	PCT/FI2012/051070	METHOD FOR CODING AND AN APPARATUS
	Pending	TW	101140777	
	Pending	US	13/666680	
<input type="checkbox"/> Check here if additional patent information is provided on additional pages.				

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

<b>Signature (include on final page only):</b>	
Patent Holder	<u>Nokia Corporation</u>
Name of authorized person	<u>Kalle Moilanen</u>
Title of authorized person	<u>IPR Manager</u>
Signature	<u></u>
Place, Date	<u>Salo, Finland, 11th of June 2013</u>

FORM: 23 April 2012