

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



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

This declaration does not represent an actual grant of a license

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Place des Nations
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Switzerland
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Director

Radiocommunication Bureau
International Telecommunication
Union
Place des Nations
CH-1211 Geneva 20,
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Fax: +41 22 730 5785
Email: brmail@itu.int

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International Organization for
Standardization
1 Chemin de la Voie-Creuse
CH-1211 Geneva 20
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Fax: +41 22 733 3430
Email:
patent.statements@iso.org

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International Electrotechnical
Commission
3 rue de Varembe
CH-1211 Geneva 20
Switzerland
Fax: +41 22 919 0300
Email:
inmail@iec.ch

Patent Holder:

Legal Name

Motorola, Inc

Contact for license application:

Name &

Latonia Gordon

Department

Law Department.

Address

1303 E. Algonquin Road, Schaumburg, IL 60196

Tel.

+1 847-576-3055

Fax

+1 847-538-3666

E-mail

Latonia.Gordon@Motorola.com

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Document type:



ITU-T Rec. (*)



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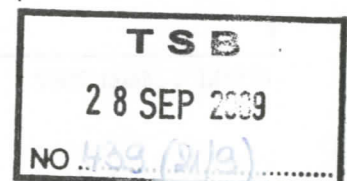
ISO/IEC Deliverable (*) (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(*)Number

G.718-SWB

(*)Title

Variable Bit Rate Embedded Coding Speech Signals: Superwideband and Stereo Extension



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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	EP	EP415163 B1	Digital Speech Coder Having Improved Long Term Lag Parameter Determination
2	Granted	US	US 5,359,696	Digital Speech Coder having Improved Sub- sample Resolution Long-term Predictor
3	See attached list for additional patents			

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

Patent Information for ITU-G.718 cont'd

No.	Status	Country		Granted Patent Number or Application Number (if pending)	Title
3	Granted	US		US 5,490,230	Digital Speech Coder Having Optimized Signal Energy Parameters
4	Granted	US		US 5,657,418	Provision of Speech Coder Gain Information Using Multiple Coding Modes
5	Granted	US		US 6,236,960	Factorial Packing Method and Apparatus for Information Coding
6	Granted	US		US 7,054,807	Optimizing Encoder for Efficiently Determining Analysis-by-Synthesis Codebook-Related Parameters
7	Granted	US		US 7,230,550	A Low Complexity Bit Robust Method And System For Combining Codewords To Form A Single Codeword
8	Granted	EP		EP 0484339	Digital Speech Coder with Vector Excitation Source Having Improved Speech Quality
9	Granted	EP		EP 0496829	LPC Based Speech Synthesis with Adaptive Pitch Pre-filter Parameters