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|---|--|---|---|--|--|
| Patent Holder:  | DI ID  |   |   |  |  |
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| ISO/IEC Deliv   | verable (*) (for ISO/IEC Delive  | crables, please return the for  | m to both ISO and IEC)  |  |  |
| (*)Number   | ISO/IEC 23008-2: Information technology High efficiency coding                     |   |   |  |  |
|   | and media delivery in he   | eterogeneous environmen   | its Part 2: High  |  |  |
|   | efficiency video coding  |   |   |  |  |
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|     | [granted/ pending] |         | Application Number (if pending) |  |
| 1   | Granted            | US      | US9491486B2                     | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 2   | Granted            | US      | US9143801B2                     | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 3   | Granted            | US      | US8891630B2                     | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 4   | Granted            | US      | US20170026664A1                 | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 5   | Pending            | EP      | EP2773047A2                     | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 6   | Granted            | EP      | EP2587802B1                     | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 7   | Granted            | AU      | 2012244143                      | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 8   | Pending            | BR      | 1020120272598                   | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 9   | Granted            | CA      | 2795414                         | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 10  | Pending            | CN      | 105791847                       | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |

| No. | Status [granted/ pending] | Country | Granted Patent Number or Application Number (if pending) | Title  |
|-----|---------------------------|---------|--|--|
| 11  | Granted                   | CN      | 201210411563.0   | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 12  | Granted                   | DE      | 602011008353.8   | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 13  | Granted                   | ES      | 2587802  | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 14  | Granted                   | FI      | 2587802  | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 15  | Granted                   | FR      | 2587802  | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 16  | Granted                   | GB      | 2587802  | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 17  | Pending                   | HK      | 1201646  | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
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| 19  | Granted                   | Г       | 2587802  | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 20  | Granted                   | JP      | 5529236  | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 21  | Granted                   | KR      | 1418649  | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 22  | Granted                   | NL NL   | 2587802  | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
| 23  | Granted                   | SE      | 2587802  | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
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| 25   | Granted                    | TW                      | 1493945                         | SIGNIFICANCE MAP ENCODING AND DECODING USING PARTITION SELECTION |
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| Signature (include on final page only): |                            |  |
|---|----------------------------|--|
| Patent Holder                           | BlackBerry LTD.            |  |
| Name of authorized person               | Randall W. Mishler         |  |
| Title of authorized person              | Senior Director, Licensing |  |
| Signature                               | Sandall WMishler           |  |
| Place, Date                             | Irving, TX August 14, 2017 |  |

FORM: 26 June 2015