Title (en)
DECODING METHOD AND DECODING DEVICE

Title (de)
ENTSCHLÜSSELUNGSVERFAHREN UND ENTSCHLÜSSELUNGSVORRICHTUNG

Title (fr)
PROCÉDÉ DE DÉCODAGE ET DISPOSITIF DE DÉCODAGE

Publication
EP 2361458 A4 20140709 (EN)

Application
EP 09830264 A 20091009

Priority
- JP 2009067947 W 20091009
- AU 2008906238 A 20081202

Abstract (en)
[origin: WO2010064496A1] The decoding method comprises storing, successively performing, determining, first performing, second performing, and outputting. The storing stores the N received branchwords in memory. The successively performing performs Viterbi updates on a sequence of branchwords. The determining determines a first encoder state at the end of the third block most likely to have generated the final branchword in the sequence from the best path metric. The first performing performs a Viterbi traceback procedure from the first encoder state at the end of the third block to determine a second encoder state at the start of the third block of branchwords. The second performing performs a Viterbi traceback procedure from that second encoder state at the start of the third block to determine a third encoder state at the start of the second block of branchwords. The outputting outputs a derived tail-biting path, if the second and third encoder states are identical.

IPC 8 full level
H03M 13/41 (2006.01)

CPC (source: EP)
H03M 13/413 (2013.01); **H03M 13/4169** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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