Title (en)
  METHOD FOR ITERATIVELY DECODING BLOCK CODES AND DECODING DEVICE THEREFOR

Title (de)
  VERFAHREN ZUR ITERATIVEN DEKODIERUNG VON BLOCKKODES UND DEKODIERUNGSVORRICHTUNG DAFÜR

Title (fr)
  PROCEDE DE DECODAGE ITERATIF DE CODES BLOCS ET DISPOSITIF DECODEUR CORRESPONDANT

Publication
  EP 1766785 A1 20070328 (FR)

Application
  EP 05775373 A 20050606

Priority
  • FR 2005001377 W 20050606
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Abstract (en)
  [origin: WO2006003288A1] A method and device for block code decoding, wherein each received word (R) is subjected to SISO turbo-decoding involving generating (A) decoded test words using an iterative algorithm, calculating (B) the analog weight of the decoded test word, which weight is the half sum of the products of the value of each bit mapped to within ± 1 of said decoded test word and the log-likelihood of said bit, classifying (C) the analog weight values of the concurrent words according to a first analog weight vector (V<sub

IPC 8 full level
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Citation (search report)
  See references of WO 2006003288A1

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DOCDB simple family (publication)
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