

Title (en)  
ADAPTIVELY CODING MOTION INFORMATION FOR MULTIPLE HYPOTHESIS PREDICTION FOR VIDEO CODING

Title (de)  
ADAPTIVE CODIERUNG VON BEWEGUNGSINFORMATIONEN ZUR VORHERSAGE MEHRERER HYPOTHESEN ZUR VIDEOCODIERUNG

Title (fr)  
CODAGE ADAPTATIF D'INFORMATIONS DE MOUVEMENT POUR PRÉDICTION D'HYPOTHÈSES MULTIPLES POUR UN CODAGE VIDÉO

Publication  
**EP 4315850 A1 20240207 (EN)**

Application  
**EP 22716802 A 20220323**

Priority

- US 202163167480 P 20210329
- US 202217655919 A 20220322
- US 2022071289 W 20220323

Abstract (en)  
[origin: WO2022213026A1] An example device for decoding video data includes one or more processors configured to: generate a first prediction block for a current block of video data using a base inter-prediction mode; code a merge mode syntax element for a second prediction block representing an additional prediction hypothesis, the merge mode syntax element indicating whether motion information for the second prediction block is coded using merge mode; code the motion information for the second prediction block according to the merge mode syntax element, wherein to code the motion information, the one or more processors are configured to form a merge candidate list including merge candidates representing respective sets of uni-prediction motion information; generate the second prediction block for the current block of video data using the motion information; form a multi-hypothesis prediction block from the first and second prediction blocks; and decode the current block using the multi-hypothesis prediction block.

IPC 8 full level  
**H04N 19/105** (2014.01); **H04N 19/52** (2014.01); **H04N 19/70** (2014.01)

CPC (source: EP KR)  
**H04N 19/105** (2014.11 - EP KR); **H04N 19/119** (2014.11 - KR); **H04N 19/13** (2014.11 - KR); **H04N 19/157** (2014.11 - KR); **H04N 19/176** (2014.11 - KR); **H04N 19/52** (2014.11 - EP KR); **H04N 19/577** (2014.11 - KR); **H04N 19/587** (2014.11 - KR); **H04N 19/70** (2014.11 - EP KR); **H04N 19/61** (2014.11 - EP)

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AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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**US 2022071289 W 20220323**; AU 2022246716 A 20220323; BR 112023018885 A 20220323; CA 3208108 A 20220323; CL 2023002817 A 20230922; EP 22716802 A 20220323; JP 2023558204 A 20220323; KR 20237032564 A 20220323; MX 2023011284 A 20220323; TW 111111848 A 20220329