Title (en)
TEMPLATE UPDATE FOR MOTION VECTOR REFINEMENT

Title (de)
VORLAGENAKTUALISIERUNG ZUR VERFEINERUNG VON BEWEGUNGSVEKTOREN

Title (fr)
MISE À JOUR DE MODÈLES POUR RAFFINEMENT DE VECTEURS DE MOUVEMENT

Publication
EP 3685583 A1 20200729 (EN)

Application
EP 17781115 A 20171009

Priority
EP 2017075715 W 20171009

Abstract (en)
[origin: WO2019072373A1] The present disclosure relates to motion vector determination and refinement. In particular, a refined motion vector is determined based on initial motion vector using template matching in a certain search space around the initial motion vector. The template is determined based on the samples pointed to by the initial motion vectors. The template is then updated based on the refined motion vector determined and used to further refine the motion vectors. This may be performed iteratively.

IPC 8 full level
H04N 19/52 (2014.01); **H04N 19/513** (2014.01); **H04N 19/533** (2014.01); **H04N 19/56** (2014.01); **H04N 19/563** (2014.01); **H04N 19/57** (2014.01); **H04N 19/573** (2014.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2019072373A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019072373 A1 20190418; EP 3685583 A1 20200729; WO 2019072422 A1 20190418

DOCDB simple family (application)
EP 2017075715 W 20171009; EP 17781115 A 20171009; EP 2018057892 W 20180328