

Title (en)  
SIGNALING OF SUBPICTURE STRUCTURES

Title (de)  
SIGNALISIERUNG VON UNTERBILDSTRUKTUREN

Title (fr)  
SIGNALISATION DE STRUCTURES D'IMAGE SECONDAIRE

Publication  
**EP 4005205 A4 20230830 (EN)**

Application  
**EP 20863420 A 20200910**

Priority  
• US 201962898127 P 20190910  
• US 201962898620 P 20190911  
• US 202017016257 A 20200909  
• CN 2020114508 W 20200910

Abstract (en)  
[origin: WO2021047590A1] A method for signaling subpicture structures for coded video is provided. A video decoder receives data from a bitstream to be decoded as a sequence of video pictures. The video decoder receives from the bitstream subpicture specification for one or more subpictures in the sequence of video pictures. The subpicture specification identifies a position and a size for each subpicture by providing an index that identifies a coding tree unit (CTU) for the subpicture. The video decoder reconstructs each subpicture for the sequence of video pictures according to the subpicture specification.

IPC 8 full level  
**H04N 19/169** (2014.01); **H04N 19/119** (2014.01); **H04N 19/17** (2014.01); **H04N 19/46** (2014.01); **H04N 19/70** (2014.01)

CPC (source: EP KR)  
**H04N 19/119** (2014.11 - EP KR); **H04N 19/167** (2014.11 - KR); **H04N 19/169** (2014.11 - EP); **H04N 19/17** (2014.11 - EP); **H04N 19/174** (2014.11 - KR); **H04N 19/176** (2014.11 - KR); **H04N 19/46** (2014.11 - EP KR); **H04N 19/61** (2014.11 - KR); **H04N 19/70** (2014.11 - EP KR); **H04N 19/865** (2014.11 - KR); **H04N 19/167** (2014.11 - EP); **H04N 19/174** (2014.11 - EP); **H04N 19/176** (2014.11 - EP); **H04N 19/61** (2014.11 - EP); **H04N 19/865** (2014.11 - EP)

Citation (search report)  
• [E] US 2021044838 A1 20210211 - CHEN LULIN [US], et al  
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• See also references of WO 2021047590A1

Designated contracting state (EPC)  
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

DOCDB simple family (publication)  
**WO 2021047590 A1 20210318**; CN 114375579 A 20220419; EP 4005205 A1 20220601; EP 4005205 A4 20230830; KR 20220045231 A 20220412; MX 2022002854 A 20230414; TW 202116068 A 20210416; TW I750802 B 20211221

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**CN 2020114508 W 20200910**; CN 202080063649 A 20200910; EP 20863420 A 20200910; KR 20227009223 A 20200910; MX 2022002854 A 20200910; TW 109131117 A 20200910