

Title (en)  
2D IMAGE ANALYZER

Title (de)  
2D-BILDANALYSATOR

Title (fr)  
ANALYSEUR D'IMAGE 2D

Publication  
**EP 3103060 A1 20161214 (DE)**

Application  
**EP 15702739 A 20150130**

Priority  
• DE 102014201997 A 20140204  
• EP 2015052009 W 20150130

Abstract (en)  
[origin: WO2015117904A1] A Hough processor comprises a preprocessor and a Hough transformation device. The preprocessor is designed to receive a plurality of samples each comprising an image and to rotate and/or reflect the image in the particular sample. The Hough transformation device is designed to detect a predetermined sought pattern in the plurality of samples on the basis of the plurality of versions. The Hough transformation device has a characteristic which depends on the sought pattern and can be accordingly adapted to the sought pattern.

IPC 8 full level  
**G06K 9/00** (2006.01); **G06K 9/46** (2006.01); **G06K 9/52** (2006.01); **G06K 9/68** (2006.01)

CPC (source: EP KR US)  
**G06F 17/145** (2013.01 - EP KR US); **G06T 3/40** (2013.01 - KR US); **G06T 3/60** (2013.01 - KR US); **G06T 5/70** (2024.01 - KR US); **G06T 7/13** (2017.01 - EP KR US); **G06T 7/337** (2017.01 - EP KR US); **G06T 7/60** (2013.01 - KR); **G06T 7/74** (2017.01 - EP KR US); **G06T 7/77** (2017.01 - EP KR US); **G06V 10/48** (2022.01 - KR); **G06V 10/955** (2022.01 - EP KR US); **G06V 40/18** (2022.01 - EP US); **G06V 40/19** (2022.01 - KR US); **G06V 40/193** (2022.01 - KR US); **G06V 40/20** (2022.01 - EP KR US); **G06T 2207/10012** (2013.01 - KR US); **G06T 2207/20008** (2013.01 - KR US); **G06T 2207/20061** (2013.01 - KR US); **G06T 2207/30201** (2013.01 - KR US)

Citation (examination)  
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• See also references of WO 2015117906A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2015117904 A1 20150813**; CN 106104573 A 20161109; CN 106133750 A 20161116; CN 106133750 B 20200828; CN 106258010 A 20161228; CN 106258010 B 20191122; EP 3103058 A1 20161214; EP 3103059 A1 20161214; EP 3103060 A1 20161214; EP 3968288 A2 20220316; JP 2017508207 A 20170323; JP 2017509967 A 20170406; JP 2017514193 A 20170601; JP 6248208 B2 20171213; JP 6268303 B2 20180124; JP 6483715 B2 20190313; KR 101858491 B1 20180516; KR 101991496 B1 20190620; KR 20160119146 A 20161012; KR 20160119176 A 20161012; US 10074031 B2 20180911; US 10192135 B2 20190129; US 10592768 B2 20200317; US 2016335475 A1 20161117; US 2016342856 A1 20161124; US 2017032214 A1 20170202; WO 2015117905 A1 20150813; WO 2015117906 A1 20150813; WO 2015117907 A2 20150813; WO 2015117907 A3 20151001

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**EP 2015052001 W 20150130**; CN 201580014214 A 20150130; CN 201580014261 A 20150130; CN 201580018519 A 20150130; EP 15701822 A 20150130; EP 15701823 A 20150130; EP 15702739 A 20150130; EP 2015052004 W 20150130; EP 2015052009 W 20150130; EP 2015052011 W 20150130; EP 21203252 A 20150130; JP 2016550180 A 20150130; JP 2016550234 A 20150130; JP 2016550235 A 20150130; KR 20167024301 A 20150130; KR 20167024546 A 20150130; US 201615221847 A 20160728; US 201615228826 A 20160804; US 201615228844 A 20160804