

Title (en)  
3-D IMAGE ANALYZER FOR DETERMINING VIEWING DIRECTION

Title (de)  
3D-BILDANALYSATOR ZUR BLICKRICHTUNGSBESTIMMUNG

Title (fr)  
ANALYSEUR D'IMAGE 3D POUR DÉTERMINER UNE DIRECTION DU REGARD

Publication  
**EP 3103059 A1 20161214 (DE)**

Application  
**EP 15701823 A 20150130**

Priority  
• DE 102014201997 A 20140204  
• EP 2015052004 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)

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)

Designated contracting state (EPC)  
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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