

Title (en)  
SELF-LEVELING FIVE-BEAM LASER DEVICE

Title (de)  
SELBSTNIVELLIERENDES FÜNF-STRAHL-LASERGERÄT

Title (fr)  
APPAREIL LASER À CINQ FAISCEAUX, À NIVELLEMENT AUTOMATIQUE

Publication  
**EP 2411860 A1 20120201 (DE)**

Application  
**EP 10703175 A 20100129**

Priority  
• EP 2010051044 W 20100129  
• DE 102009001891 A 20090326

Abstract (en)  
[origin: WO2010108713A1] The invention relates to a five-beam laser device that is designed in a self-leveling way and comprises three laser sources (21, 61), wherein two laser beams created by the laser sources (21) are each divided into two partial beams, wherein one of the partial beams in each case meets with the beam of the third laser source (61) at a point P.

IPC 8 full level  
**G02B 27/64** (2006.01); **G01C 15/00** (2006.01)

CPC (source: EP US)  
**G01C 15/004** (2013.01 - EP US); **G02B 27/648** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010108713A1

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102009001891 B3 20100923**; CN 102362212 A 20120222; EP 2411860 A1 20120201; US 2012182621 A1 20120719;  
US 9110308 B2 20150818; WO 2010108713 A1 20100930

DOCDB simple family (application)  
**DE 102009001891 A 20090326**; CN 201080013796 A 20100129; EP 10703175 A 20100129; EP 2010051044 W 20100129;  
US 201013260404 A 20100129