

Title (en)  
DEVICE AND SYSTEM FOR REMOTE SENSING

Title (de)  
VORRICHTUNG UND SYSTEM ZUR FERNMESSUNG

Title (fr)  
DISPOSITIF ET SYSTÈME DE TÉLÉDÉTECTION

Publication  
**EP 3359931 A1 20180815 (FR)**

Application  
**EP 16778364 A 20161007**

Priority  
• FR 1559564 A 20151008  
• EP 2016073968 W 20161007

Abstract (en)  
[origin: WO2017060409A1] The present invention relates to a remote sensing device (20), in particular for tracking changes in agricultural crops, comprising a single optical channel (4, 5) and a plurality of elementary sensors (8xy) that are arranged in a matrix array (8) of preset shape, wherein each elementary sensor (8xy) is a multi-spectral sensor, in particular sensitive in a plurality of spectral bands, preferably at least in one spectral band in the visible domain (B, G, R) and one spectral band in the near infrared (IR). The present invention also relates to a remote sensing system employing such a remote sensing device (20).

IPC 8 full level  
**G01J 3/02** (2006.01); **G01J 3/28** (2006.01); **G01J 3/36** (2006.01); **G01J 3/51** (2006.01)

CPC (source: EP)  
**G01J 3/0208** (2013.01); **G01J 3/0278** (2013.01); **G01J 3/0286** (2013.01); **G01J 3/0289** (2013.01); **G01J 3/0291** (2013.01); **G01J 3/2803** (2013.01); **G01J 3/2823** (2013.01); **G01J 3/36** (2013.01); **G01J 3/513** (2013.01); **G01J 2003/2806** (2013.01); **G01J 2003/2826** (2013.01)

Citation (search report)  
See references of WO 2017060409A1

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 2017060409 A1 20170413**; EP 3359931 A1 20180815; FR 3042271 A1 20170414; FR 3042271 B1 20191220

DOCDB simple family (application)  
**EP 2016073968 W 20161007**; EP 16778364 A 20161007; FR 1559564 A 20151008