

Title (en)
Sensor and working device provided with such a sensor

Title (de)
Sensor und damit ausgestattetes Arbeitsgerät

Title (fr)
Capteur et appareil équipé d'un tel capteur

Publication
EP 2431615 A3 20121212 (DE)

Application
EP 11007425 A 20110913

Priority
DE 102010045667 A 20100917

Abstract (en)
[origin: EP2431615A2] The sensor (2) has an actuating part downward supported at bottom of a recess (44) without a threaded engagement. A clamping part and the actuating part are rotated at a rotational axis (58) relative to a sensor housing and relative to each other. The actuating part is downwardly supported at the bottom of the recess without the threaded engagement. The clamping part is moved in a clamping position by rotational actuation of the actuating part. A pressure plate (90) is arranged between the clamping unit and the sensor housing and made of metallic or ceramic material. The pressure plate is formed as a plane-parallel plate. An independent claim is also included for a working device comprising a working unit and a sensor.

IPC 8 full level
F15B 15/28 (2006.01)

CPC (source: EP)
F15B 15/2892 (2013.01)

Citation (search report)

- [AD] DE 102008015447 B4 20091210 - FESTO AG & CO KG [DE]
- [A] DE 19825426 A1 19990114 - TURCK WERNER KG [DE]
- [A] DE 29811811 U1 19981015 - FESTO AG & CO [DE]
- [A] DE 10227333 B4 20070215 - BOSCH REXROTH AG [DE]

Cited by
CN112219343A; DE102012224075A1; US10690516B2

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)
EP 2431615 A2 20120321; EP 2431615 A3 20121212; EP 2431615 B1 20140910; DE 102010045667 A1 20120322

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