

Title (en)
ANTI-PINCH SENSOR

Title (de)
EINKLEMMSENSOR

Title (fr)
CAPTEUR ANTI-PINCEMENT

Publication
EP 1915499 A1 20080430 (DE)

Application
EP 06762313 A 20060630

Priority
• EP 2006006380 W 20060630
• DE 202005012636 U 20050811

Abstract (en)
[origin: WO2007017014A1] The invention relates to an anti-pinch sensor (10, 13, 36), in particular for recognising an obstacle that obstructs an actuating element (7) of a motor vehicle (1). Said sensor comprises an electrode (17), which can be attached to a measuring potential via a signal line (26) and can be positioned opposite a counter-electrode (25) and comprises an evaluation circuit (34) for detecting the capacitance between the electrode (17) and the counter-electrode (25). The electrode (17) is sub-divided into several electrodes (35), each of which has a separate feed line (23) for connection to the measuring potential. An anti-pinch sensor of this type (10, 13, 36) has a high detection sensitivity.

IPC 8 full level
E05F 15/00 (2006.01)

CPC (source: EP US)
E05F 15/46 (2015.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Citation (search report)
See references of WO 2007017014A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 202005012636 U1 20061228; EP 1915499 A1 20080430; US 2010156440 A1 20100624; WO 2007017014 A1 20070215

DOCDB simple family (application)
DE 202005012636 U 20050811; EP 06762313 A 20060630; EP 2006006380 W 20060630; US 6342706 A 20060630