

Title (en)
Proximity switch

Title (de)
Endschalter

Title (fr)
Interrupteur de fin de course

Publication
EP 2362402 A1 20110831 (EN)

Application
EP 11001531 A 20110224

Priority
IT VI20100055 A 20100226

Abstract (en)
A position switch for a movement or transport plant comprises a box-like case (2) anchorable to a fixed part (F) of the plant at the end position of a movable part of the plant and intended to house therein at least one pair of reciprocally movable electric contacts connectable to an electric circuit of the plant, actuator means (3) mounted in the case (2) and operatively associable with the electric contacts in order to interact with the movable part of the plant when the latter reaches the end position and to cause the opening and/or closing the circuit, and adjustment means (9) for adjusting the position of the actuator means (3) integrated in the case (2) in order to cause the translation thereof integrally with the actuator means (3).

IPC 8 full level
H01H 3/16 (2006.01); **H01H 9/02** (2006.01)

CPC (source: EP)
H01H 3/161 (2013.01); **H01H 9/0207** (2013.01)

Citation (applicant)

- US 4916265 A 19900410 - LUALLEN RICHARD L [US]
- DE 3140459 A1 19830428 - PEPPERL & FUCHS [DE]
- US 4342885 A 19820803 - KASHIMA ISOO, et al

Citation (search report)

- [Y] DE 1150733 B 19630627 - AGFA AG
- [Y] US 6875922 B1 20050405 - PETAK RANDY [US], et al
- [IDA] US 4916265 A 19900410 - LUALLEN RICHARD L [US]
- [A] US 3596017 A 19710727 - WILLIAMS WINSTON F
- [A] EP 1710819 A2 20061011 - SCHMERSAL K A HOLDING KG [DE]
- [AD] US 4342885 A 19820803 - KASHIMA ISOO, et al
- [AD] DE 3140459 A1 19830428 - PEPPERL & FUCHS [DE]

Cited by
ITUA20163941A1; CN109314000A; WO2017208126A1

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 2362402 A1 20110831; EP 2362402 B1 20130417; IT 1398459 B1 20130222; IT VI20100055 A1 20110827

DOCDB simple family (application)
EP 11001531 A 20110224; IT VI20100055 A 20100226