

Title (en)
Door

Title (de)
Tür

Title (fr)
Porte

Publication
EP 2664739 A1 20131120 (EN)

Application
EP 13166997 A 20130508

Priority
IT VR20120024 U 20120517

Abstract (en)
A door (1) which comprises a closure element (2) moveable on command, by way of drive means, between an open condition and a closed condition in which at least one end element (2a) which extends at right angles with respect to the direction of movement (100) of the closure element (2) is designed to be brought proximate to an abutment portion (3a) formed on a fixed structure (3), the end element (2a) being associated with sensor means (4) which are functionally connected to the drive means in order to interrupt the operation of the drive means in the presence of an obstacle along the path of the end element (2a), the sensor means (4) comprising at least one first, emission sensor (4a) which is adapted to emit an infrared signal (200) and extends in parallel to the end element (2a) and a respective second, reception sensor (4b) which is adapted to receive the infrared signal (200); the first, emission sensor (4a) and the second, reception sensor (4b) are supported by a respective supporting body (5) which extends in parallel to the direction of movement (100) of the end element (2a) and is made of elastically yielding material in order to allow an elastic deformation of the supporting body (5) following an impact against an obstacle during the transition of the closure element (2) from the open condition to the closed condition or vice versa.

IPC 8 full level
E05F 15/00 (2006.01)

CPC (source: EP)
E05F 15/43 (2015.01)

Citation (search report)
• [X] US 2004088922 A1 20040513 - MILLER BEARGE D [US], et al
• [I] EP 0875655 A2 19981104 - CAMPISA SRL [IT]
• [A] DE 8904235 U1 19900809

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

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EP 2664739 A1 20131120; EP 2664739 B1 20191204; IT VR20120024 U1 20131118

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