

Title (en)
Control device for automatic gates and the like

Title (de)
Antriebsvorrichtung für automatische Tore

Title (fr)
Dispositif de commande pour portail automatique

Publication
EP 1503020 A1 20050202 (EN)

Application
EP 03425528 A 20030801

Priority
EP 03425528 A 20030801

Abstract (en)
A device for controlling the opening and closing of an automatic gate (1) is mounted within a quadrangular upright (57) of the gate and comprises a driving motor (13) capable of causing the axial sliding of a movable member (17, 19, 21) inside the upright. That member slides over a rod (23) mounted in the upright (57) and provided with helical grooves (39), and includes a bushing (21) with internal teeth (61) engaging said helical grooves (39), whereas the external surface of the bushing (21) houses a pair of balls (59), each engaging a pair of adjacent walls in the upright (57).
<IMAGE>

IPC 1-7
E05F 15/12

IPC 8 full level
E05F 15/12 (2006.01); **E05F 15/04** (2006.01)

CPC (source: EP)
E05F 15/614 (2015.01); **E05F 15/622** (2013.01); **E05F 15/54** (2015.01); **E05Y 2201/236** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2201/448** (2013.01); **E05Y 2400/3013** (2024.05); **E05Y 2600/46** (2013.01); **E05Y 2800/262** (2013.01); **E05Y 2900/40** (2013.01)

Citation (search report)
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• [A] FR 2789467 A1 20000811 - PINGON MAURICE [FR]
• [A] US 4685344 A 19870811 - HORN MANFRED [DE], et al

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NL1036099C; EP2055880A3; US11613927B2; US11649676B2; EP4336008A1; IT202200018444A1; FR2891336A1

Designated contracting state (EPC)
IT

DOCDB simple family (publication)
EP 1503020 A1 20050202

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