

Title (en)
Safety system for automatic gate

Title (de)
Sicherheitssystem für automatisches Tor

Title (fr)
Système de sécurité pour portail automatique

Publication
EP 1719866 A3 20090826 (EN)

Application
EP 06112363 A 20060407

Priority
IT MI20050640 A 20050414

Abstract (en)
[origin: EP1719866A2] Safety protection system for an automatic gate, said gate comprising at least one mobile wing (11, 12) adapted to cover an access passage (13) defined at its ends by fixed elements (14, 15) of said gate. The system presents a plurality of infrared transmitters and receivers whose transmitted and received rays define a protected area corresponding to the dimensions of the operational surface of the gate; the interruption of one of said rays, generates a state of alarm.

IPC 8 full level
E05F 15/00 (2006.01); **E05F 15/12** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP)
E05F 15/43 (2015.01); **E05F 15/611** (2015.01); **E05F 2015/435** (2015.01); **E05F 2015/487** (2015.01); **E05Y 2400/614** (2013.01); **E05Y 2900/40** (2013.01)

Citation (search report)

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- [X] WO 0008286 A1 20000217 - REGLOMAT AG [CH], et al
- [XAY] EP 0853180 A1 19980715 - SNAF EUURL [FR]
- [X] GB 2227309 A 19900725 - FORMULA SYSTEMS LTD [GB]

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US2023053526A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1719866 A2 20061108; EP 1719866 A3 20090826; EP 1719866 B1 20110105; AT E494448 T1 20110115; DE 602006019345 D1 20110217; ES 2359257 T3 20110519; IT MI20050640 A1 20061015; PL 1719866 T3 20110630; RU 2006111609 A 20071110; RU 2355036 C2 20090510

DOCDB simple family (application)
EP 06112363 A 20060407; AT 06112363 T 20060407; DE 602006019345 T 20060407; ES 06112363 T 20060407; IT MI20050640 A 20050414; PL 06112363 T 20060407; RU 2006111609 A 20060411