

Title (en)
Roller door with a grid

Title (de)
Rolltor mit einem gitterförmigen Behang

Title (fr)
Porte enroulable avec une grille

Publication
EP 0764758 B1 20001115 (DE)

Application
EP 96113654 A 19960826

Priority
DE 19531182 A 19950824

Abstract (en)
[origin: EP0764758A1] The roller shutter is guided between two upright guide rails and has a roller at the top to roll and unroll the shutter. The light gate is positioned across the outside of the shutter as well as over the inside to monitor obstructions eg. hands. The security and safety system shuts off the servo motor when an obstruction is identified. The light gate uses one light beam, or one IR beam. The light source (8) is in one rail, with the detector (9) in the same rail but on the other side of the shutter. The other rail has two plane reflecting mirrors to turn the beam back over the other side of the shutter.

IPC 1-7
E06B 9/18; E06B 9/82; E05F 15/00

IPC 8 full level
E05F 15/00 (2006.01); **E06B 9/18** (2006.01); **E06B 9/82** (2006.01)

CPC (source: EP)
E06B 9/18 (2013.01); **E06B 9/82** (2013.01); **E05F 15/43** (2015.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/146** (2013.01)

Cited by
DE29714616U1; AU2015220951B2; WO2006133981A1; WO2015124572A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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