

Title (en)
Roller shutter

Title (de)
Rollabschluss

Title (fr)
Volet roulant

Publication
EP 1528219 B1 20081231 (DE)

Application
EP 04014645 A 20040622

Priority
DE 10350116 A 20031028

Abstract (en)
[origin: EP1528219A2] An industrial roller shutter door rests on a horizontal spindle supported over the door frame by bearings at each end. The shutter slats deploy from the roll through a fixed downwards-directed slit, thereby progressively reducing the radial distance between the outermost slats and the spindle. Each end of the spindle rests in a bearing mount that progressively advances towards the slit as the radial distance reduces. The bearing advancement is synchronised at each end in a symmetrical plane.

IPC 8 full level
E06B 9/68 (2006.01); **E06B 9/174** (2006.01); **E06B 9/70** (2006.01)

CPC (source: EP)
E06B 9/174 (2013.01); **E06B 9/68** (2013.01); **E06B 9/70** (2013.01); **E06B 2009/1743** (2013.01)

Citation (examination)
US 1667081 A 19280424 - RAPER JOSEPH C

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1528219 A2 20050504; EP 1528219 A3 20070509; EP 1528219 B1 20081231; AT E419450 T1 20090115; DE 10350116 B3 20050210; DE 502004008764 D1 20090212

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