

Title (en)
Roller shutter

Title (de)
Rollabschluss

Title (fr)
Volet roulant

Publication
EP 1528219 A3 20070509 (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 (search report)

- [DA] WO 0058592 A1 20001005 - HOERMANN KG DISSEN [DE], et al
- [A] EP 0117116 A2 19840829 - HART NORMAN NEWCASTLE LTD [GB]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

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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