

Title (en)
Electrical device with sliding shutter

Title (de)
Elektrisches Installationsgerät mit Schiebedeckel

Title (fr)
Appareil électrique avec couvercle glissant

Publication
EP 1311034 A3 20040714 (DE)

Application
EP 02023848 A 20021024

Priority
DE 10155502 A 20011113

Abstract (en)
[origin: EP1311034A2] A sliding cover (3) slides by means of a guide system and is guided between an open and closed position in relation to a main unit (2) for electrical wiring equipment. A drive system for the sliding cover has a toothed rack (8) on the inner side of the sliding cover and a drive unit with a cogwheel (5) to run on bearings as well as an axle and a spiral spring (7) around the axle.

IPC 1-7
H01R 13/453

IPC 8 full level
H01R 13/52 (2006.01)

CPC (source: EP)
H01R 13/447 (2013.01); **H01R 13/5213** (2013.01); **H01R 24/78** (2013.01)

Citation (search report)

- [X] US 4168104 A 19790918 - BUSCHOW DEAN W
- [Y] US 4793818 A 19881227 - POIRIER MICHEL [CA]
- [Y] US 5884799 A 19990323 - KOERBER JUERGEN [DE], et al
- [A] US 5198618 A 19930330 - SHIEH GARY [TW]
- [A] US 5909935 A 19990608 - ESPERANDIEU JEAN GUY [FR], et al
- [A] US 4185881 A 19800129 - FOLEY DARYL J [AU], et al
- [A] US 5769646 A 19980623 - CAVELLO CHRISTOPHER [US], et al
- [A] US 5686701 A 19971111 - FUKUSHIMA HIROTAKA [JP], et al

Cited by
CH701228A1; GB2515045A; GB2515045B; EP2949006B1

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

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