

Title (en)
CLOSURE FOR A VEHICULAR OPENING.

Title (de)
ABSCHLUSSELEMENT FÜR EINE BEFAHRBARE TORÖFFNUNG.

Title (fr)
ELEMENT OBTURATEUR D'OUVERTURES CARROSSABLES.

Publication
EP 0531330 A1 19930317 (DE)

Application
EP 91909383 A 19910513

Priority
DE 4015216 A 19900511

Abstract (en)
[origin: DE4015216A1] The closure of the invention for an aperture (1) has strips (14) interlinked articulatedly via hinges (20, 20') in such a way that the distance between adjacent strips (14) defines a space in which the hinge pins (24, 24') engage. Rubber sealing strips (42) are fitted to interconnect adjacent strips (14); they are arranged coaxially with the hinge pins (24, 24') and engage with the strips (14) virtually without any clearance.

Abstract (fr)
L'élément obturateur d'une ouverture (1), selon l'invention, comprend des lamelles (14) articulées au moyen de charnières (20, 20'), de sorte que l'écartement entre des lamelles adjacentes (14) définisse un espace (34) dans lequel peuvent pénétrer les chevilles (24, 24') des charnières. Des bandes d'étanchéité (42) en caoutchouc, coaxiales par rapport aux chevilles (24, 24') des charnières s'engagent presque sans jeu dans les lamelles (14) afin de relier des lamelles adjacentes (14).

IPC 1-7
E05D 15/24; **E06B 3/48**; **E06B 9/08**

IPC 8 full level
E05D 15/24 (2006.01); **E06B 3/48** (2006.01); **E06B 9/08** (2006.01); **E06B 9/15** (2006.01); **E05D 1/02** (2006.01); **E06B 9/11** (2006.01)

CPC (source: EP US)
E05D 15/24 (2013.01 - EP US); **E05D 15/242** (2013.01 - EP US); **E06B 3/485** (2013.01 - EP US); **E06B 9/15** (2013.01 - EP US); **E05D 1/02** (2013.01 - EP US); **E06B 2009/1555** (2013.01 - EP US); **E06B 2009/1588** (2013.01 - EP US)

Citation (search report)
See references of WO 9118177A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
DE 4015216 A1 19911114; DE 59101458 D1 19940526; EP 0531330 A1 19930317; EP 0531330 B1 19940420; US 5394924 A 19950307; WO 9118177 A1 19911128

DOCDB simple family (application)
DE 4015216 A 19900511; DE 59101458 T 19910513; EP 9100886 W 19910513; EP 91909383 A 19910513; US 3896092 A 19921110