

Title (en)
CLOSURE DEVICE WITH A CURTAIN HAVING FLEXIBLE LATERAL EDGES

Title (de)
VERSCHLUSSVORRICHTUNG MIT EINEM FLEXIBLE SEITENRÄNDER AUFWEISENDEN VORHANG

Title (fr)
DISPOSITIF DE FERMETURE AVEC UN RIDEAU PRÉSENTANT DES BORDS LATÉRAUX FLEXIBLES

Publication
EP 2007963 B1 20110511 (FR)

Application
EP 07727251 A 20070322

Priority
• EP 2007052777 W 20070322
• EP 06111956 A 20060329
• EP 07727251 A 20070322

Abstract (en)
[origin: EP1840321A1] The device has a curtain (2) with flexible lateral edges (4) having a thick region (4'). The curtain has cables (21) incompressible in the direction of their length and extending parallel to the edges of the curtain for applying a pushing force on the edges along longitudinal direction to move the curtain towards closing position. The edges have a neutral surface (24) in cables, where the surface is formed during flexion of the cables. The cables are non-irremovably fixed with respect to the curtain near the edges by avoiding relative displacement with respect to the curtain.

IPC 8 full level
E06B 9/58 (2006.01)

CPC (source: EP KR US)
E06B 9/13 (2013.01 - EP US); **E06B 9/56** (2013.01 - KR); **E06B 9/58** (2013.01 - KR); **E06B 9/581** (2013.01 - EP US);
E06B 2009/585 (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 1840321 A1 20071003; AR 060227 A1 20080604; AT E509178 T1 20110515; AU 2007229509 A1 20071004; AU 2007229509 B2 20120913; BR PI0709061 A2 20110621; BR PI0709061 B1 20170704; CA 2647291 A1 20071004; CA 2647291 C 20140610; CN 101410586 A 20090415; CN 101410586 B 20120125; DK 2007963 T3 20110829; EP 2007963 A1 20081231; EP 2007963 B1 20110511; ES 2365635 T3 20111007; ES 2365635 T8 20111121; JP 2009531570 A 20090903; JP 5289305 B2 20130911; KR 101378627 B1 20140326; KR 20090033415 A 20090403; MX 2008012493 A 20081010; NO 20084528 L 20081229; NO 343752 B1 20190527; NZ 571130 A 20111125; PL 2007963 T3 20111130; PT 2007963 E 20110718; RU 2008142730 A 20100510; RU 2422609 C2 20110627; TW 200745441 A 20071216; TW I399481 B 20130621; US 2008035282 A1 20080214; US 7841377 B2 20101130; WO 2007110381 A1 20071004; ZA 200808326 B 20091230

DOCDB simple family (application)
EP 06111956 A 20060329; AR P070101339 A 20070329; AT 07727251 T 20070322; AU 2007229509 A 20070322; BR PI0709061 A 20070322; CA 2647291 A 20070322; CN 200780010613 A 20070322; DK 07727251 T 20070322; EP 07727251 A 20070322; EP 2007052777 W 20070322; ES 07727251 T 20070322; JP 2009502040 A 20070322; KR 20087022685 A 20070322; MX 2008012493 A 20070322; NO 20084528 A 20081028; NZ 57113007 A 20070322; PL 07727251 T 20070322; PT 07727251 T 20070322; RU 2008142730 A 20070322; TW 96110439 A 20070327; US 73001307 A 20070329; ZA 200808326 A 20070322