

Title (en)
SHUTTER DEVICE

Publication
EP 0272733 B1 19900613 (FR)

Application
EP 87202403 A 19871203

Priority
BE 217588 A 19861223

Abstract (en)
[origin: US4884617A] A device having a shutter windable around a spindle and especially adapted to close a bay or other opening by the unwinding of the shutter, the same having flexible side edges which project beyond the shutter plane and which are retained with reduced friction in substantially continuous guideways during the unwinding and winding up of the shutter, that shutter edges may disengage from their guideways when subjected to a predetermined pull transversely to guideway. Each guideway has near and upstream of the shutter spindle an access passage through which the projecting edge of any shutter which has disengaged from the guideway can re-engage, as the shutter winds around its spindle, in that part of the particular guideway concerned which is disposed beyond the passage.

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IPC 8 full level
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CPC (source: EP KR US)
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BE1016495A3; BG65357B1; EP0540110A1; EP0397619A3; GB2306995A; IT201800003028A1; FR2647151A1; GB2309993A; GB2309993B; BE1018258A5; EP2182161A3; EP0476788A3; EP0398791A1; ITGE20130079A1; BE1016589A3; GB2331701A; GB2331701B; EP2003284A1; BE1004897A3; RU2472911C2; US7665506B2; WO2006120655A3; EP1191184A1; WO0225048A1; EP2733303A1; BE1014506A3; US7036549B2; EP2182161A2; EP1359283B1; EP1454027B1; WO2015019271A1; WO2015185786A1; WO9220895A1; WO2008155292A1; US8109317B2; WO2017195087A1; US11359436B2

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