

Title (en)
A retractable barrier device.

Title (de)
Aufspulbare Absperrung.

Title (fr)
Barrière amovible.

Publication
EP 0352071 A1 19900124 (EN)

Application
EP 89307273 A 19890718

Priority
GB 8817168 A 19880719

Abstract (en)
A retractable barrier device comprises a reel assembly including a spindle rotatable within a cylindrical housing and a flexible elongate barrier element (16), secured at one end to the spindle so as to be wound on the spindle by rotation of the spindle by a spring, which is tensioned as the element is withdrawn from the spindle. There is attached to the free end of the flexible element a magnetic assembly (17) comprising a permanent magnet (28) within a housing (21), for engagement with a suitable metal keeper spaced from the reel assembly. The magnetic assembly (17) includes a part-cylindrical concavely curved surface (25) so disposed that the magnet (28) will hold the assembly in magnetic engagement with a part-cylindrical convexly curved metal surface (26) when the concave surface (25) on the assembly (17) is brought into registering engagement with the convex surface (26). The magnet (28) lies within a mouth portion of the assembly (17), and in an alternative arrangement the mouth of the assembly may fit over a flat, correspondingly shaped, keeper plate.

IPC 1-7
E06B 11/00

IPC 8 full level
A01K 3/00 (2006.01); **E01F 13/02** (2006.01); **E01F 13/04** (2006.01); **E06B 11/00** (2006.01); **E06B 11/02** (2006.01)

CPC (source: EP)
E01F 13/028 (2013.01); **E01F 13/04** (2013.01); **E06B 11/021** (2013.01)

Citation (search report)
• [Y] AU 504766 B1 19791025 - BRITISH AIRPORTS AUTHORITY
• [Y] GB 2095321 A 19820929 - MORITA TAMAO

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

DOCDB simple family (publication)
EP 0352071 A1 19900124; **EP 0352071 B1 19930623**; AT E90995 T1 19930715; DE 68907286 D1 19930729; GB 2221797 A 19900214; GB 2221797 B 19920429; GB 8817168 D0 19880824; GB 8916422 D0 19890906; GB 9122422 D0 19911204

DOCDB simple family (application)
EP 89307273 A 19890718; AT 89307273 T 19890718; DE 68907286 T 19890718; GB 8817168 A 19880719; GB 8916422 A 19890718; GB 9122422 A 19911021