

Title (en)  
**A RETRACTABLE BARRIER DEVICE**

Publication  
**EP 0352071 B1 19930623 (EN)**

Application  
**EP 89307273 A 19890718**

Priority  
GB 8817168 A 19880719

Abstract (en)  
[origin: EP0352071A1] 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spindle so as to be wound on the spindle by rotation of the spindle by a spring, which is tensioned as the element is withdrawn from the spindle.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)

Cited by  
DE102007021484A1; FR2817885A1; DE4131580A1; US10240307B2; AU2014225282B2; US11560678B2; US9652951B2; US7316388B2; WO2017146562A1; WO2016138584A1; WO2004008901A3; WO2014134667A1

Designated contracting state (EPC)  
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