

Title (en)
Extensible suspension device.

Title (de)
Ausziehbare Aufhängevorrichtung.

Title (fr)
Dispositif de suspension extensible.

Publication
EP 0193253 A1 19860903 (EN)

Application
EP 86300035 A 19860106

Priority
GB 8500790 A 19850112

Abstract (en)
For suspending an article or object such as a hanging basket normally in a raised disposition in such a manner that it can be drawn down and subsequently returned to its raised position, easily and without use of tools or disconnecting the article or object, the suspension device comprises a suspension band (32) wound upon a drum (20) biased by a spring (62) towards its wound-up condition. A ratchet disc (30) turns with the drum (20) and has a pawl (44) co-operating with it. Lobes (50) of the disc (30), between adjacent notches (42), are of increasing height so that upon rapid draw-off of the band (32) the pawl (44) will tend to ride over the notches (42). Upon slowing down of the draw-off, the pawl (44) engages into the next subsequent notch (42) to retain the object suspended from the band (32) at the height down to which it has been drawn.

IPC 1-7
A47G 7/04; **A61G 15/00**; **B65H 75/44**; **F21V 21/18**

IPC 8 full level
A47G 7/04 (2006.01); **A61G 15/00** (2006.01); **B65H 75/44** (2006.01); **F21V 21/18** (2006.01)

CPC (source: EP)
A47G 7/047 (2013.01); **B65H 75/4434** (2013.01); **F21V 21/18** (2013.01)

Citation (search report)
• [X] FR 2315643 A1 19770121 - KING WILLIAM [AU]
• [X] US 2907534 A 19591006 - BENSTEIN ARTHUR R
• [X] GB 723703 A 19550209 - JOHN B PILLIN LTD, et al
• [A] DE 726223 C 19421008 - THEOD KRAEGELOH & COMP
• [A] US 1559092 A 19251027 - HALLBERG CLAUS W
• [A] DE 2053130 A1 19720504
• [A] US 4202510 A 19800513 - STANISH WALTER F [US]

Cited by
US5836109A; GB2318670A; US8245441B1; GB2195240A; GB2195240B; FR2744111A1; EP0787675A3; GB2345447A; GB2345447B; GB2320897A; GB2320897B; US11667026B2; US11266225B2; US11945682B2

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

DOCDB simple family (publication)
EP 0193253 A1 19860903; **EP 0193253 B1 19890927**; AT E46609 T1 19891015; DE 3665808 D1 19891102; GB 8500790 D0 19850213

DOCDB simple family (application)
EP 86300035 A 19860106; AT 86300035 T 19860106; DE 3665808 T 19860106; GB 8500790 A 19850112