

Title (en)
AUTOMATIC ROLL-UP BLIND

Publication
EP 0170037 A3 19861230 (DE)

Application
EP 85107690 A 19850621

Priority
DE 3428483 A 19840802

Abstract (en)
[origin: US4653567A] In a window shade which automatically winds up by a releasable spring mechanism, mounted in a rotatable shaft, a roll for a cord is secured to the end of the shaft. A free end of the cord is secured to the roll. The amount of the cord to be wound up on the roll corresponds to the entire winding length of the shade material. The cord forms a loop at which a hand grip is suspended.

IPC 1-7
E06B 9/206; E06B 9/20

IPC 8 full level
E06B 9/78 (2006.01)

CPC (source: EP US)
E06B 9/78 (2013.01 - EP US)

Citation (search report)

- [X] DE 915384 C 19540722 - LUDWIG SCHAEFER
- [A] GB 112654 A 19180116 - LINDSEY CHARLES EDWARD CHALONE, et al
- [A] US 2350085 A 19440530 - YASHAN LEONARD A
- [A] US 4424852 A 19840110 - HOPPER THOMAS P [US]
- [A] FR 2203932 A1 19740517 - INTERSILMA BV [NL]

Cited by
US5853703A; US6007865A; US7511036B2; WO9622095A3; US6440749B1; US7022719B2

Designated contracting state (EPC)
FR GB NL SE

DOCDB simple family (publication)
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DOCDB simple family (application)
DE 3428483 A 19840802; CA 487953 A 19850801; DK 348785 A 19850801; EP 85107690 A 19850621; US 76110485 A 19850731