

Title (en)

Limit stop device for the opening of sun curtains.

Title (de)

Vorrichtung zur Begrenzung des Abrollvorgangs von Sonnenschutzvorhängen.

Title (fr)

Dispositif d'arrêt du déroulement de rideaux pare-soleil.

Publication

EP 0246338 A1 19871125 (EN)

Application

EP 86106759 A 19860517

Priority

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Abstract (en)

The limit stop device for the opening of sun curtains exploits the tendency of cross frontal bar (5) urged by arms (6,7) to unroll the curtain from roller (2) on which it is wound. The device consists of a ratchet mechanism (10) comprising a cylinder (12) provided with teeth (14) and inside which turns a pin (20) having spring teeth (30). The rotation of pin (20) in one direction, disengages teeth (30) from the teeth (14) of cylinder (12), thereby allowing the curtain to unroll in steps only up to the maximum possible opening while in the opposite direction it allows rewinding of the curtain on roller (2).

IPC 1-7

E04F 10/06; E06B 9/209

IPC 8 full level

E04F 10/06 (2006.01); **E06B 9/88** (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] FR 2478728 A1 19810925 - IMBAC SPA [IT]
- [A] FR 2042030 A5 19710205 - SELVE ERNST
- [A] US 1876939 A 19320913 - HOLT THOMAS W, et al
- [A] FR 1193253 A 19591102 - PERRIER SA
- [A] US 1342017 A 19200601 - EDGAR FOX HAROLD
- [A] FR 340510 A 19040708 - OSWALD ASSMANN [NL]

Cited by

FR2697577A1; ES2235554A1; FR2774722A1; EP1686231A1; EP0694439A3; US6581666B1; WO9712104A1; WO0053881A1

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