

Title (en)
Winding mechanism for awnings

Title (de)
Kurbelantrieb für Markisen

Title (fr)
Entraînement en bielle pour stores

Publication
EP 0570811 B1 19961218 (DE)

Application
EP 93107603 A 19930511

Priority
• DE 4216800 A 19920521
• DE 4231504 A 19920921

Abstract (en)
[origin: EP0570811A1] The invention relates to a winding rod (32) with a hook (30), rotatable about its longitudinal axis, for actuating eyelets (10), having a circular or oval inner contour, in awnings. The hook (30) has a section (30) which extends approximately transversely to the longitudinal axis (6) of the winding rod and the length (a) of which is greater than the maximum internal diameter of the eyelet.

IPC 1-7
E06B 9/76; **E04F 10/06**

IPC 8 full level
E04F 10/06 (2006.01); **E06B 9/76** (2006.01)

CPC (source: EP)
E04F 10/0644 (2013.01); **E06B 9/76** (2013.01)

Cited by
US6581666B1

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

DOCDB simple family (publication)
EP 0570811 A1 19931124; **EP 0570811 B1 19961218**; AT E146559 T1 19970115; DE 59304783 D1 19970130; ES 2096136 T3 19970301

DOCDB simple family (application)
EP 93107603 A 19930511; AT 93107603 T 19930511; DE 59304783 T 19930511; ES 93107603 T 19930511