

Title (en)
Operating device for roller blinds.

Title (de)
Antriebsvorrichtung für Rolladen.

Title (fr)
Dispositif d'entraînement d'un volet roulant.

Publication
EP 0391820 A1 19901010 (FR)

Application
EP 90440016 A 19900223

Priority
FR 8903882 A 19890321

Abstract (en)
An operating device for a roller blind (1) whose apron (2) moves with a slight inclination and comprising a shaft (3) for rolling and/or unrolling the apron (2) formed from fine slats (4, 5, 6) provided at each of their lateral ends (23, 24, 25) with gripping means formed by openings (26, 27, 28) produced in the said lateral ends (23, 24, 25) and provided with strengthening pieces constituted by an insert (29, 30, 31) laterally inserted into the edge of the fine slats (4, 5, 6) and also having an opening (32, 33, 34) situated in alignment with the openings (26, 27, 28) of the fine slats (4, 5, 6), these gripping means cooperating with cam wheels (40) having a neutral travel between each tooth (38, 39) and placed at each of the lateral ends (41) of a second drive shaft (42) disposed in the forward direction with respect to the rolling and/or unrolling shaft (3), these shafts (3), (42) being held by the lateral flanges (43) of a caisson (44) on which guidance rails (45) end, in which rails slide the lateral ends (23, 24, 25) of the fine slats (4, 5, 6) whose insert (29, 30, 31) comprises near its edge (36) facing the heel (15) of the fine slat (4, 5, 6) means (46) of engagement in the channel (16) of the said fine slat (4, 5, 6) and preventing displacement of the fine slats (4, 5, 6) with respect to their longitudinal axis (47). <IMAGE>

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IPC 8 full level
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CPC (source: EP)
E06B 9/15 (2013.01); **E06B 9/60** (2013.01); **E06B 2009/1572** (2013.01); **E06B 2009/1583** (2013.01); **E06B 2009/1588** (2013.01)

Citation (search report)
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• [Y] FR 2614929 A1 19881110 - BUBENDORFF RICHARD [FR]
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EP 0391820 A1 19901010; **EP 0391820 B1 19921111**; AT E82361 T1 19921115; DE 69000447 D1 19921217; DE 69000447 T2 19930408; DK 0391820 T3 19930208; ES 2036104 T3 19930501; GR 3006797 T3 19930630

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