

Title (en)
Screen roller blind

Title (de)
Rollo mit Abschirmung

Title (fr)
Store à enroulement avec tissu occultant

Publication
EP 2626504 A1 20130814 (EN)

Application
EP 13154730 A 20130208

Priority
IT PD20120031 A 20120209

Abstract (en)

Screen roller blind (12) provided with a frame (10a) comprising: a roller (11) on which said screen (12) can be wound and unwound (12); rails (13) extending from the roller (11) along an extension direction (A); a crosspiece (14) developing along a development direction (B) perpendicular to the extension direction (A) of the rails (13), and selectively sliding along the extension direction (A) of the rails (13) according to an unwinding direction (C) of the screen (12), or according to a winding direction (D) of the screen (12). Moreover, the screen roller blind (10) comprises a blocking device (100) which comprises a blocking element (15) mechanically connected to an end (14a, 14b) of the crosspiece (14) and provided with at least an extension (15a) elongated in a projecting direction (F) substantially perpendicular to the development direction (B) of the crosspiece (14), the blocking element (15) being able to oscillate with respect to the crosspiece (14), according to an axis of oscillation (E) substantially parallel to the development direction (B) of the crosspiece (14), between a locking position in which the extension (15a) is partially facing towards the winding direction (D) of the screen (12), and an unlocking position in which the extension (15a) is partially facing towards the unwinding direction (C) of the screen (12). This blocking device (100) also comprises at least a stopping block (16) fastened to one of the rails (13), susceptible of being engaged by the blocking element (15) to prevent the crosspiece (14) from sliding in the winding direction (D) of the screen (12), and a counter-thrust portion (17) mechanically connected to the crosspiece (14) and susceptible of abutting on the guide (13), upon the engagement of the blocking element (15) with the stopping block (16), to keep the blocking element (15) interfering with the stopping block (16).

IPC 8 full level
E06B 9/86 (2006.01)

CPC (source: EP)
E06B 9/86 (2013.01)

Citation (applicant)

- EP 1975367 A1 20081001 - BUBENDORFF SA [FR]
- FR 2929321 A1 20091002 - SOMFY SAS [FR]
- EP 1270865 A2 20030102 - ALDON B V [NL]

Citation (search report)

- [A] EP 1270865 A2 20030102 - ALDON B V [NL]
- [A] DE 19648177 A1 19970528 - HUERLIMANN PAUL [CH]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2626504 A1 20130814; EP 2626504 B1 20140827; IT PD20120031 A1 20130810

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EP 13154730 A 20130208; IT PD20120031 A 20120209