

Title (en)
SUNSHADE APPARATUS

Title (de)
SONNENBLENDENVORRICHTUNG

Title (fr)
DISPOSITIF DE PARE-SOLEIL

Publication
EP 3702574 A1 20200902 (EN)

Application
EP 20159058 A 20200224

Priority
IT 201900002755 A 20190226

Abstract (en)
A sunshade apparatus (1) comprises: a plurality of slats (100), each tilting about a tilt axis (I); a motor (4); a lifting shaft (3), coupled to the motor (4); a tilt pulley (7) connected to the slats (100) to rotate them about the respective tilt axes (I); a spring clutch (10) surrounding the lifting shaft (3) and including a first locking end (11A) and a second locking end (12B), each movable along a respective working trajectory; a detent system (9), including a first detent (91), a second detent (92) and a third detent (93). The apparatus comprises a release element (60), movable between an activated position, where it is in contact with the first locking end (11A) of the spring clutch (10) to move it, and a deactivated position, where it is clear of the first locking end (11A).

IPC 8 full level
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CPC (source: EP)
E06B 9/302 (2013.01); **E06B 9/322** (2013.01); **E06B 9/307** (2013.01); **E06B 9/308** (2013.01); **E06B 2009/3222** (2013.01)

Citation (applicant)
• EP 2224091 A2 20100901 - GRIESSER HOLDING AG [CH]
• WO 2016103123 A1 20160630 - LUPAK METAL S R L [IT]

Citation (search report)
• [A] EP 1052365 A2 20001115 - HUNTER DOUGLAS IND BV [NL]
• [A] WO 2016103101 A1 20160630 - LUPAK METAL S R L [IT]
• [A] US 3651852 A 19720328 - NERI LOUIS
• [A] EP 2224091 A2 20100901 - GRIESSER HOLDING AG [CH]

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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

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