

Title (en)
SHIELD DEVICE AND ROLL SCREEN

Title (de)
ABSCHIRMUNG UND ROLLBLLENDE

Title (fr)
DISPOSITIF DE PROTECTION ET ÉCRAN À ROULEAU

Publication
EP 3438406 A4 20190626 (EN)

Application
EP 17775234 A 20170329

Priority
• JP 2016066944 A 20160329
• JP 2016254551 A 20161227
• JP 2017012918 W 20170329

Abstract (en)
[origin: EP3438406A1] Provided is a shield device including a light-shielding fin that has improved design and operability and on which a predetermined textile can be easily mounted, and a roll screen. A roll screen 1 includes a winding pipe 3 that supports a screen 4 such that the screen 4 can be opened and closed by winding or unwinding the screen 4, a frame (mounting frame 2 and support members 2a, 2b) that supports the winding pipe 3, and a light-shielding fin 9 that shields against outside light coming in from between the frame and the winding pipe 3. The frame is provided with a locking part 20 that locks the light-shielding fin 9. The light-shielding fin 9 includes elastically deformable grasping means (protruding piece 96a and claw 99) that grasps the upper end of a predetermined textile 13. The roll screen 1 also includes a fin (light-shielding fin 9) that covers the gap between the winding pipe 3 and mounting frame 2. The mounting frame 2 is mounted on the wall with a fixing fitting 61 therebetween.

IPC 8 full level
E06B 9/42 (2006.01); **E06B 9/323** (2006.01); **E06B 9/50** (2006.01)

CPC (source: EP)
E06B 9/323 (2013.01); **E06B 9/42** (2013.01); **E06B 9/50** (2013.01)

Citation (search report)
• [XY] WO 2016031761 A1 20160303 - TACHIKAWA BLIND MFG [JP]
• [Y] US 2004129391 A1 20040708 - GOTTSCHALL JASON SCOTT [US], et al
• [Y] WO 2009076703 A1 20090625 - SPP IND HOLDINGS PTY LTD [AU], et al
• [A] US 2012012262 A1 20120119 - SANTORO CORINA [US], et al
• See references of WO 2017170700A1

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

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DOCDB simple family (application)
EP 17775234 A 20170329; CN 201780020407 A 20170329; JP 2016254551 A 20161227; SG 10202009386Y A 20170329; SG 11201808240Q A 20170329