

Title (en)
Shutter type roll screen

Title (de)
Fensterladenartiges Rollo

Title (fr)
Écran rouleau de type volet

Publication
EP 2241716 A1 20101020 (EN)

Application
EP 09157651 A 20090408

Priority
EP 09157651 A 20090408

Abstract (en)
The present invention provides a roll screen in which transparent portions are formed in a screen at positions spaced apart from each other at regular intervals, and the screen is unrolled into a double-layered shape to adjust the amount of light entering a room. The roll screen includes a mounting frame (10) which is fastened to a wall or ceiling of a building, and a drive cap (20) which is provided on a first end of the mounting frame. The drive cap has a ball chain (21) which rotates a winding roll (40) around which a first end of the screen is wound. The roll screen further includes a driven cap (30) which is provided on a second end of the mounting frame, and a screen holding frame (60) which holds a second end of the screen and is removably coupled to the front or rear surface of the mounting frame. Therefore, the screen can be easily installed on or separated from the mounting frame even without separating the winding roll from the mounting frame.

IPC 8 full level
E06B 9/42 (2006.01); **E06B 9/64** (2006.01)

CPC (source: EP)
E06B 9/42 (2013.01); **E06B 9/64** (2013.01); **E06B 2009/2405** (2013.01)

Citation (applicant)
• WO 2008023857 A1 20080228 - BYEON TAE WOONG [KR]
• GB 2445289 A 20080702 - SHI CHIN-CHANG [TW], et al

Citation (search report)
• [A] WO 2008023857 A1 20080228 - BYEON TAE WOONG [KR]
• [A] GB 2445289 A 20080702 - SHI CHIN-CHANG [TW], et al

Designated contracting state (EPC)
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 SE SI SK TR

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