

Title (en)
ROLLER SHUTTER

Publication
EP 0056650 B1 19850424 (DE)

Application
EP 82100351 A 19820119

Priority
DE 3101548 A 19810120

Abstract (en)
[origin: EP0056650A2] 1. Roller shutters having a hanging surface composed of horizontal strips (4) which are suspended to traction devices (20) at their end faces by means of horizontal pins (16), guided in vertical guide rails and capable of pivoting from a given upper strip (4) onwards, the pivotal strips (4) being connected together by means of turning devices (28) which are displaced from the traction devices in the longitudinal direction of the strips, having control jaws arranged at the same height in the guide rails, which jaws can be brought into engagement with turning pins at the end face on the uppermost pivotal strip and swing the pivotal strips outwards into a louvre shutter position before a lower end position is reached or back into the roller shutter position, with a toggle lever (24, 25) at each end face pin (16), which toggle lever comprises a first arm extending parallel to the end face of the strip and lying within the projection of the cross-sectional contour of the strip, and a second arm which extends parallel to the pin (16) and is pivotally mounted in the turning devices (28) and is situated at about the same distance as the pin (16) from the internally situated plane of contact (7) on which the strips (4) lie.

IPC 1-7
E06B 9/14; **E06B 9/20**

IPC 8 full level
E06B 9/34 (2006.01); **E06B 9/58** (2006.01)

CPC (source: EP)
E06B 9/34 (2013.01); **E06B 9/58** (2013.01); **E06B 2009/1583** (2013.01)

Cited by
EP2835489A1; DE102013108663A1; ES2133024A1; DE202011050684U1; FR2553467A1; EP0330192A3; ES2627293A1; US10253557B2; WO9831910A3; WO2015144729A1; US11499369B2; US10914117B2; US10829989B2; DE102012007141A1; WO2013153035A2; DE202013103909U1

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