

Title (en)
Roller shutter.

Title (de)
Rolladen.

Title (fr)
Volet à rouleau.

Publication
EP 0052320 A1 19820526 (DE)

Application
EP 81109569 A 19811107

Priority
DE 3043480 A 19801118

Abstract (en)
1. Roller shutter with a hanging of horizontal plates or slats (4), on the faces or ends of which are fixed horizontal journals (6) and are guided in vertical guide rails, each between two guide flanges (12, 14), with which, from a specified upper slat, all slats which are disposed therebeneath are articulated on traction members in order to be pivotable about a horizontal axis and are connected by means of turning members to a slat-pivoting assembly, which is able to be pivoted from a roller shutter position into a louvre position, wherein one of the guide flanges (12) is mounted to be displaceable relatively to the other guide flange (14) and is loaded with a force directed in opposition to the other guide flange (14) ; wherein the end journals (6) of the slats (4) have an oval or approximately rectangular cross-section, of which the longitudinal axis extends substantially vertically when the slats are depending, and wherein the displaceable guide flange (12) presses the journals (6) with the slats (4) downwardly into the vertical position.

Abstract (de)
Ein Rolladen besitzt einen Behang aus horizontalen Lamellen (4), an deren Stirnseiten horizontale Zapfen (6) befestigt sind, welche in vertikalen Führungsschienen (10) zwischen je zwei Führungsstegen (12, 14) geführt sind. Um den Behang auch bei starken Windkräften bewegungsarm und geräuschfrei führen und halten zu können, ist einer der Führungsstege (12) gegen den anderen Führungssteg (14) verschiebbar gelagert und mit einer gegen den anderen Führungssteg (14) gerichteten Kraft beaufschlagt.

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IPC 8 full level
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Citation (search report)
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