

Title (en)
ROLLER SHUTTER FOR THE CLOSURE OF OPENINGS

Publication
EP 0059362 B1 19840307 (DE)

Application
EP 82101116 A 19820216

Priority
DE 3108054 A 19810304

Abstract (en)
[origin: EP0059362A1] 1. Roller shutter for the closing of openings, comprising individual roller shutter slats which are connected to one another by connections capable of transmitting tractive forces and which are guided at the ends of their longitudinal extent in guide rails in such a manner that they can be rolled up on to a winding shaft, characterised by a) two slide rails (3, 4) which are arranged in each guide rail (1) and one (4) of which is mounted in stationary manner whereas the other slide rail (3) can carry out within the guide rail (1) a movement towards the stationary slide rail (4) or away from the stationary slide rail (arrow F1), b) pivot bearings (5, 6) arranged at those ends of the roller shutter slats (2) which are nearest to the slide rails (3, 4), c) guide elements (7, 8) which are arranged in the slide rails (3, 4) at that side thereof which is directed towards the ends of the roller shutter slats (2), and to which on the one hand the roller shutter slat (2) is attached pivotably via the pivot bearings (5, 6) associated with each roller shutter slat and which on the other hand are guided in the slide rails (3, 4) in such a manner as to be capable of moving upwards and downwards, d) the arrangement of the pivot bearings (5, 6) in such a manner relatively to a centre line (X-X) extending through the roller shutter slat (2) in the direction of its width, that the two pivot bearings (5, 6) are situated at the one side and at the other side respectively relatively to the centre line (X-X).

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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)

Cited by
ES2162571A1; ES2325010A1; EP0330192A3; US6422289B1; WO2009143842A1; WO9837299A3

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