

Title (en)

ROLLER DOOR WITH FLEXIBLE DOOR LEAF

Publication

EP 0157198 B1 19890201 (DE)

Application

EP 85102473 A 19850305

Priority

- DE 3412239 A 19840402
- DE 3429781 A 19840813

Abstract (en)

[origin: EP0157198A2] 1. A rolling shutter door comprising a door leaf (6), which is adapted to be coiled on and uncoiled from a coiling drum, which is rotatably mounted above the door opening, which is lined by a door frame (1, 2), wherein said drum is provided with a rotary drive and the lateral edges of the door leaf (6) protrude through longitudinally extending slots (5) of the side bars of the door frame or the lateral boundary of the door, spaced apart rollers (13, 14), which are distributed substantially throughout the length of the door leaf (6), are secured to said lateral edges, and said rollers (13, 14) run on the inner side faces of tracks (11, 12), which are separated by a gap, through which the edge portions of the door leaf (6) extend, characterized in that the door leaf (6) consists of flexible material, lugs (15, 16) which are separate from each other and embrace the edges of the door leaf (6) are secured to the edges of the door leaf (6) on both sides and at their outer end portions are provided with axle or shaft pins (19, 20), and the rollers (13, 14) are movably mounted on or secured to said axles or shaft pins on both sides of the lugs.

IPC 1-7

E06B 9/20

IPC 8 full level

E06B 9/58 (2006.01)

CPC (source: EP)

E06B 9/581 (2013.01); **E06B 9/582** (2013.01)

Cited by

FR2683259A1; DE19610532B4; GB2306995A; EP1149978A1; DE19655125C2; DE4447598C1; DE19655253B4; EP0688936A1; ES2128886A1; GB2331701A; GB2331701B

Designated contracting state (EPC)

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DOCDB simple family (publication)

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