

Title (en)
ROLLER SHUTTERS

Publication
EP 0358920 B1 19921223 (DE)

Application
EP 89114299 A 19890802

Priority
DE 3826436 A 19880803

Abstract (en)
[origin: EP0358920A1] Roller shutters (1) for the exposure and closing of an opening in a building, such as a gateway, a vehicle loading bay or the like, which, in a direction perpendicular to its long side, is guided flexibly and in a manner such as to be movable over a section of its length which is appropriately curved, and which possesses a multi-layered structure (3, 4, 5) when seen in terms of its thickness, in order to combine low-effort flexibility in the direction of the guiding curve with wind-resistant and, in particular, heat-insulating, sound-proofing and/or anti-intruder design.
<IMAGE>

IPC 1-7
E06B 9/13

IPC 8 full level
E06B 9/13 (2006.01)

CPC (source: EP)
E06B 9/13 (2013.01); **E06B 2009/17069** (2013.01)

Cited by
AU2009355386B2; US9394742B2; US9909358B2; EP3372398A1; WO2011065933A3; WO9859145A3; US6659158B2; US7111661B2; US11548263B2; US11975521B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0358920 A1 19900321; EP 0358920 B1 19921223; AT E83833 T1 19930115; DE 3826436 A1 19900208; DE 58903095 D1 19930204; ES 2036766 T3 19930601

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