

Publication

EP 0562917 A3 19940112

Application

EP 93400691 A 19930318

Priority

FR 9203706 A 19920327

Abstract (en)

[origin: EP0562917A2] Weight counterbalancing device for a door with a raisable shutter, the device comprising a shaft (2) controlling the winding of a shutter (1) or straps for raising a shutter, the said shaft bearing two drums (3, 4) for winding belts (7, 8) on which two counterweights (5, 6) are suspended, characterised in that the belt referred to as the long belt for suspension of a counterweight referred to as the long counterweight, having a mass M6 referred to as the long mass (6), has a length corresponding to the complete travel of the said shutter, while the belt referred to as the short belt of the other counterweight (5) referred to as the short counterweight, having a mass M5 referred to as the short mass, is shorter and is mounted on the corresponding drum (3) in such a manner as to be able to wind in both directions. <IMAGE>

IPC 1-7

E06B 9/62

IPC 8 full level

E06B 9/56 (2006.01); **E06B 9/62** (2006.01)

CPC (source: EP US)

E05D 13/14 (2013.01 - EP US); **E06B 9/62** (2013.01 - EP US); **E05Y 2900/00** (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US); **E05Y 2900/146** (2013.01 - EP US)

Citation (search report)

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- [A] DE 49843 C
- [A] DE 8905401 U1 19890615
- [A] EP 0276045 A2 19880727 - CLARK DOOR LTD [GB]
- [A] EP 0338225 A1 19891025 - SEUSTER KURT
- [A] CH 671953 A5 19891013 - INVENTIO AG

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0562917 A2 19930929; **EP 0562917 A3 19940112**; **EP 0562917 B1 19970226**; AT E149236 T1 19970315; CA 2092795 A1 19930928; DE 69308223 D1 19970403; FR 2689174 A1 19931001; JP H0617586 A 19940125; US 5307857 A 19940503

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