

Title (en)

Spring-holder device for roller shutters and gates

Title (de)

Vorrichtung zur Befestigung einer Feder für Rolläden und Tore

Title (fr)

Dispositif de fixation pour un ressort de volets ou de portes

Publication

EP 1591617 B1 20070606 (EN)

Application

EP 04425290 A 20040428

Priority

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Abstract (en)

[origin: EP1591617A1] A spring-holder device (1) is disclosed for roller shutters and gates which has parts that can be mutually composed and is made of lightweight and self-lubricating material. It preferably comprises at least two mutually equal supporting disks (10a,10b) for a shutter or gate which are equipped with a central through-hole (12) adapted to allow the passage of a fixed winding shaft of the shutter and with quick-connection securing means consisting of a plurality of spacers (16) adapted to equally connect and to suitably mutually space the two disks (10a,10b) which are adapted to rotate around the winding shaft.

IPC 8 full level

E06B 9/60 (2006.01)

CPC (source: EP)

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Cited by

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EP 1591617 A1 20051102; EP 1591617 B1 20070606; AT E364124 T1 20070615; DE 602004006836 D1 20070719

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