

Title (en)

Roller blind device for integration in an insulating glass pane

Title (de)

Rolloeinrichtung zum Einbau in eine Isolierglasscheibe

Title (fr)

Système de store pour integration dans un plaque de verre isolante

Publication

EP 1163417 B1 20040331 (DE)

Application

EP 01907466 A 20010119

Priority

- DE 10002357 A 20000120
- DE 10041540 A 20000824
- EP 0100586 W 20010119

Abstract (en)

[origin: US2002053410A1] In an insulating glass pane comprising two spaced glass panels which are sealingly joined at their circumference to form a sealed space in which a roller blind device is enclosed, the roller blind device includes a windup drum with a blind wound thereon and having a free end connected to a pull rod, and pull members are arranged at opposite ends of the drum and the pull rod is connected to the pull members. The pull members are operatively connected to a shaft on which the windup drum is rotatably supported for synchronous movement of the pull members and an electric motor is provided for rotating the shaft and the pull members, the windup drum being rotationally connected to the shaft by way of a rotational torsion spring structure.

IPC 1-7

E06B 9/264

IPC 8 full level

E06B 3/67 (2006.01); **E06B 9/264** (2006.01)

CPC (source: EP US)

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Cited by

DE102009009504B3; ES2264591A1; DE202010017732U1

Designated contracting state (EPC)

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US 2002053410 A1 20020509; US 6530414 B2 20030311; AT E263303 T1 20040415; AU 3543201 A 20010731; DE 20021691 U1 20010412; DK 1163417 T3 20040802; EP 1163417 A1 20011219; EP 1163417 B1 20040331; ES 2218386 T3 20041116; PT 1163417 E 20040730; TR 200400903 T4 20040621; WO 0153647 A1 20010726

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