

Title (en)

Winding shaft connector of a roller shutter

Title (de)

Wickelwellen-Kupplung eines Rollladens

Title (fr)

Couplage pour l'arbre d'enroulement d'un volet roulant

Publication

**EP 2216477 A3 20120229 (DE)**

Application

**EP 10000445 A 20100119**

Priority

DE 102009007963 A 20090206

Abstract (en)

[origin: EP2216477A2] The device has a pulley wheel (5) coupled with a winding shaft (2) via a coupling element (9). A drive strand is actuated via the coupling element or released for actuation, when the winding shaft is not covered by a lamella of a hanging at a pre-determined position. The hanging is designed as a roller shutter shield. The coupling element is designed such that the drive strand and the shaft are compulsorily decoupled via the coupling element, when the shaft is covered by the lamella. The drive strand and the shaft are compulsorily coupled in a torque transmitting manner.

IPC 8 full level

**E06B 9/68** (2006.01); **E06B 9/92** (2006.01)

CPC (source: EP)

**E06B 9/171** (2013.01); **E06B 9/68** (2013.01); **E06B 9/92** (2013.01)

Citation (search report)

- [A] DE 845919 C 19520807 - KARL KNECHT, et al
- [A] DE 3900745 A1 19900719 - HERTEL KG [DE]
- [A] DE 4403651 A1 19950810 - HARTMANN HELMUT [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2216477 A2 20100811**; **EP 2216477 A3 20120229**; **EP 2216477 B1 20140115**; DE 102009007963 A1 20100819

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**EP 10000445 A 20100119**; DE 102009007963 A 20090206