

Title (en)

Winding shaft for a roller shutter

Title (de)

Wickelwelle für einen Rollladenpanzer

Title (fr)

Tambour d'enroulement pour volet roulant à lames articulées

Publication

**EP 1739270 A1 20070103 (FR)**

Application

**EP 06300718 A 20060623**

Priority

FR 0551766 A 20050627

Abstract (en)

The drum has a compact unitary assembly (E) including a main axle (1) with ends integrated to rolling units (4) that are respectively fixed at the level of lateral cheeks (2, 3). The axle has fittings for attaching articulated slats and coupling units to a rotary driving unit. The axle is constituted of a hollow shaft interiorly providing rigidity ribs, and the cheeks include guiding units to guide the slats.

IPC 8 full level

**E06B 9/171** (2006.01); **E06B 9/174** (2006.01)

CPC (source: EP)

**E06B 9/171** (2013.01); **E06B 9/174** (2013.01)

Citation (search report)

- [XY] FR 2845724 A1 20040416 - MIDI MOULAGES PLAST [FR]
- [Y] US 4633927 A 19870106 - LABELLE H M ROBERT [CA]
- [X] FR 2715432 A1 19950728 - PROFALUX [FR]

Cited by

GR1007246B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1739270 A1 20070103**; FR 2887577 A1 20061229; FR 2887577 B1 20070928

DOCDB simple family (application)

**EP 06300718 A 20060623**; FR 0551766 A 20050627