

Title (en)

Operating device for a roller shutter

Title (de)

Antriebsvorrichtung für einen Rollladenbehang

Title (fr)

Dispositif d'entrainement pour tablier de volet roulant

Publication

**EP 1657398 B1 20110622 (FR)**

Application

**EP 05300881 A 20051031**

Priority

FR 0452624 A 20041115

Abstract (en)

[origin: EP1657398A2] The device has a transmission unit (10) connecting an unwinding axle to a winding tube (5) and comprising an integrated differential device (11) with an input shaft (12) on which an output drive wheel is rotatably mounted. A unit (14) allows transformation of the rotation of the shaft into a rotation and/or a linear axial displacement of the wheel, for allowing a differential angular rotation of the shaft with respect to the wheel.

IPC 8 full level

**E06B 9/08** (2006.01)

CPC (source: EP)

**E06B 9/08** (2013.01); **E06B 9/68** (2013.01)

Cited by

CN105484652A; CN105804621A

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

**EP 1657398 A2 20060517**; **EP 1657398 A3 20080305**; **EP 1657398 B1 20110622**; ES 2367993 T3 20111111; FR 2877986 A1 20060519; FR 2877986 B1 20070216

DOCDB simple family (application)

**EP 05300881 A 20051031**; ES 05300881 T 20051031; FR 0452624 A 20041115