

Title (en)
DRIVING GEAR FOR A ROLLER SHUTTER, A VENETIAN BLIND OR THE LIKE

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Application
EP 87118138 A 19871208

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Abstract (en)
[origin: EP0319601A1] A driving gear for a roller shutter (12), a Venetian blind or the like is illustrated and described, with a winding shaft for the roller shutter armour (12a) and with a gear which sets the shaft in rotation and which has, arranged on the front side of and connected in a rotationally fixed manner to the winding shaft, a gear wheel (26), with which a drive pinion (28), which is arranged on a drive shaft arrangement (33), meshes, the winding shaft, the gear wheel (26) and the drive pinion (28) moreover being arranged in a roller shutter casing (14) mounted in particular on the masonry, and the drive shaft (29; 39), which in projection runs at an angle on the transverse plane of the winding shaft, reaching outwards through the wall of the roller shutter casing (14) in a wall bearing (21). In order to achieve a compact gear construction as well as as extensive as possible a wing opening, the wall bearing (21) is arranged on a lateral end wall (18) of the roller shutter casing (14), the drive shaft arrangement (33) being designed as an angular gear having three shaft sections (20, 34, 29; 39, 40, 41), the inner shaft section of which forms the drive shaft (29; 39) bearing the drive pinion (28), the central shaft section (34) of which is supported in the wall bearing (21) and the outer shaft section (20) of which is designed for connection of a rotary handle such as a crank handle (22) or the like. As a result, with very compact construction of the whole gear arrangement, it is brought about that the drive parts are freely accessible from the side and do not stand in the way of more extensive wing opening. <IMAGE>

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Cited by
EP0649971A1; FR2711720A1; FR2759731A1; DE19807049B4; EP0902156A1; US6059006A; AU679331B2; US5782281A; EP0410134A3; DE3925127A1; TR25783A; WO9521314A1

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