

Title (en)

Driving device to rotate the barrier arm of a movable barrier.

Title (de)

Drehantriebsvorrichtung für den Schrankenbaum einer beweglichen Schranke.

Title (fr)

Dispositif d'entraînement en rotation de la lisse d'une barrière mobile.

Publication

EP 0438364 B1 19940810 (FR)

Application

EP 91420008 A 19910109

Priority

FR 9000272 A 19900111

Abstract (en)

[origin: EP0438364A1] Driving device to rotate the barrier arm (1) of a movable barrier about an axis between two extreme positions, comprising a driven shaft (3) mounted on a frame (4) in such a way that it can pivot about the axis, the barrier arm being driven in rotation by one of its ends by this driven shaft which is itself driven in rotation by a driven crank arm (6) pivoting about an axis which is parallel to or merged with the axis of the barrier arm, and an electric motor (7) for driving in rotation the driven crank arm, the driven shaft and the barrier arm, the driven crank arm being connected to a driving crank arm (9) by coupling means (10, 13) forming a pivoting linkage with an axis (11), capable of sliding in translation radially with respect to the driven crank arm and to the driven shaft, characterised in that the shaft (8) of the motor is parallel to the driven shaft (3), the driving crank arm (9) being driven directly in rotation by the shaft (9) of the motor. <IMAGE>

IPC 1-7

E01F 13/00

IPC 8 full level

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CPC (source: EP)

E01F 13/06 (2013.01); **E06B 11/085** (2013.01)

Cited by

CN105256739A; US5813796A; FR2854908A1; EP1022392A3; CN106638379A; FR2927648A1; AU730907B2; CN111472302A; WO2010133764A1; WO0134915A1; WO9629472A3; US6272943B1; WO9904100A1

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