

Title (en)

Emergency crank handle for motor-driven roller doors and the like.

Title (de)

Nothandkurbel für motorische Antriebe von Rollläden od.dgl.

Title (fr)

Manivelle pour l'entraînement manuel de moteurs d'actionnement de portes à rouleaux on analogues.

Publication

EP 0014240 A1 19800820 (DE)

Application

EP 79104703 A 19791127

Priority

DE 7836241 U 19781207

Abstract (en)

1. Emergency crank handle for motor drives of roller doors, roller blinds, folding ceiling doors or the like, with a resiliently mounted crank handle (14, 114) carrying a toothed wheel (9, 19) which, when the crank handle (14, 114) is moved against the action of a spring (6, 16), can be brought into meshing contact with a drive wheel (4, 24) acting upon the working shaft (26) characterized in that the toothed wheel mounted on the crank handle (14, 114) is a cylindrical gear with envelope lines extending parallel to the axis of the crank handle, and the drive wheel connected indirectly to the working shaft (26) is designed as a crown wheel (4, 24) the tooth envelope lines of which lie in a plane perpendicular to the axis of the crown wheel.

Abstract (de)

Die Anmeldung betrifft eine Vorrichtung mit einer Handkurbel, die über ein Stirnrad (9) und ein Kronenrad (4) auf die Motorachse (3) oder eine Schneckenwelle zum Antrieb der eigentlichen Arbeitswelle wirkt, so daß ein raumsparendes aber sicher arbeitendes Notaggregat geschaffen wird, das zusätzlich mit einem elektrischen Notschalter (12) kombiniert ist.

IPC 1-7

E06B 9/204; **E05F 15/10**

IPC 8 full level

E05F 11/38 (2006.01); **E05F 15/10** (2006.01); **E05F 15/603** (2015.01); **E06B 9/74** (2006.01)

CPC (source: EP)

E05F 15/603 (2015.01); **E06B 9/74** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)

- FR 1270577 A 19610901 - ETS AD MISCHLER SARL
- CH 360305 A 19620215 - LEBAUD CHARLES [FR]
- DE 7836241 U1 19790419
- DE 1853171 U 19620607 - MANGOLD GAMA FAB [DE]
- DE 2149912 A1 19720413 - MECANISMES COMP IND DE

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EP1180576A1; DE3106094C1; US6116324A; FR2664643A1; US4546671A; WO9723703A1

Designated contracting state (EPC)

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