

Title (en)
SHAFT ASSEMBLY, CLOSURE OR PROTECTION DEVICE AND ASSEMBLY SET

Title (de)
WELLENBAUGRUPPE, VERSCHLUSS- ODER SCHUTZEINRICHTUNG SOWIE MONTAGESATZ

Title (fr)
ASSEMBLAGE D'ARBRE, DISPOSITIF DE FERMETURE OU DE PROTECTION AINSI QUE JEU DE MONTAGE

Publication
EP 3388610 B1 20200902 (DE)

Application
EP 18165613 A 20180404

Priority
DE 102017107826 A 20170411

Abstract (en)
[origin: US2018291682A1] A shaft assembly for a protective or closing device comprises a hollow-shaped hollow section body and a drive unit. The shaft assembly is arranged to be mounted between a first support bearing and a second support bearing. The hollow section body is rotatable about longitudinal axis thereof and arranged to accommodate a curtain or a panel. The drive unit is at least partially accommodated in the hollow section body. The drive unit comprises an output for rotatably driving the hollow section body. The hollow section body comprises a first end and a second end and extends between the first support bearing and the second support bearing. At least at the first end or at the second end of the hollow section body, a connecting sleeve is provided. A biasing element is arranged between the hollow section body and the connecting sleeve. The connecting sleeve is axially displaceable relative to the hollow section body against a force applied by the biasing element.

IPC 8 full level
E06B 9/171 (2006.01); **E06B 9/40** (2006.01)

CPC (source: CN EP US)
E04F 10/0648 (2013.01 - US); **E05F 15/00** (2013.01 - US); **E06B 9/171** (2013.01 - CN EP US); **E06B 9/40** (2013.01 - EP US); **E06B 9/44** (2013.01 - CN); **E06B 9/68** (2013.01 - US); **E06B 9/72** (2013.01 - CN); **E05Y 2201/706** (2013.01 - US); **E06B 2009/1713** (2013.01 - EP US); **E06B 2009/407** (2013.01 - EP US)

Cited by
BE1028718B1; EP4325023A1; DE102022120070A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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