

Title (en)

Door or window with a drive device to operate the leaf of said door or window

Title (de)

Fenster oder Tür mit einer Antriebseinrichtung für einen Flügel des Fensters oder der Tür

Title (fr)

Fenêtre ou porte comprenant un dispositif d'entraînement pour un battant de fenêtre ou de porte

Publication

EP 2103766 B1 20191016 (DE)

Application

EP 09152119 A 20090205

Priority

DE 202008004024 U 20080320

Abstract (en)

[origin: EP2103766A2] The opening system for windows and doors comprises an electric motor connected to a chain or cable (4) which opens them. The motor is concealed between the frame (2) of the opening section and the surround when the window or door is closed. The motor is mounted on a lever (8) which lifts it away from the frame, allowing wider opening angles.

IPC 8 full level

E05F 15/619 (2015.01); **E05F 11/06** (2006.01)

CPC (source: EP)

E05F 11/06 (2013.01); **E05F 15/619** (2015.01); **E05Y 2201/434** (2013.01); **E05Y 2201/626** (2013.01); **E05Y 2201/656** (2013.01); **E05Y 2201/724** (2013.01); **E05Y 2600/10** (2013.01); **E05Y 2600/412** (2013.01); **E05Y 2800/232** (2013.01); **E05Y 2900/148** (2013.01)

Citation (opposition)

Opponent : WindowMaster GmbH;

- DE 19756915 A1 19990715 - ESCO METALLBAUBESCHLAG HANDEL GMBH [DE]
- DE 102006013332 A1 20070927 - SCHUECO INT KG [DE]
- DE 20120604 U1 20020228 - WINKHAUS FA AUGUST [DE]
- DE 202008004021 U1 20080521 - SCHUECO INT KG [DE]
- WO 2006074972 A1 20060720 - SCHUECO INT KG [DE], et al
- DE 29916343 U1 20000113 - SIMON RWA GMBH [DE]
- EP 0534413 A1 19930331 - WINKHAUS FA AUGUST [DE]
- EP 0792991 A1 19970903 - RASMUSSEN KANN IND AS [DK]
- EP 0440937 A1 19910814 - STUERMAN & CO [DE]
- EP 1505243 A2 20050209 - AUMUELLER AUMATIC GMBH [DE]
- DE 202007000531 U1 20070315 - SIEGENIA AUBI KG [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 202008004024 U1 20080521; EP 2103766 A2 20090923; EP 2103766 A3 20110223; EP 2103766 B1 20191016

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DE 202008004024 U 20080320; EP 09152119 A 20090205