

Title (en)

WINDOW COMPRISING A PUSH PULL CHAIN ACTUATOR

Title (de)

FENSTER MIT SCHUBKETTENAKTUATOR

Title (fr)

FENÊTRE COMPRENANT UN ACTIONNEUR DE CHAÎNE DE POUSSÉE

Publication

EP 3904628 A1 20211103 (EN)

Application

EP 20172284 A 20200430

Priority

EP 20172284 A 20200430

Abstract (en)

A window with at least one push pull chain actuator. An end connector with an extending finger transfers the load force and straightens the chain. A pull force is transferred elsewhere through the end connector. This force transfer in combination with a forward bending chain allows a longer chain stroke and higher chain capacity which enable slimmer window profiles. Further windows with chains having straight parallel chain sides are also disclosed.

IPC 8 full level

E05F 15/619 (2015.01)

CPC (source: EP)

E05F 15/619 (2015.01); **E05Y 2201/656** (2013.01); **E05Y 2201/658** (2013.01); **E05Y 2900/148** (2013.01)

Citation (applicant)

- US 2011302843 A1 20111215 - DALLMANN BRIAN D [US], et al
- DE 29514179 U1 19961002 - ELEKTRIK ELEKTRONIK DINGFELDER [DE]
- DE 202012001762 U1 20120419 - JOFO PNEUMATIK GMBH [DE]
- DE 102016203452 A1 20170907 - GEZE GMBH [DE]

Citation (search report)

- [E] EP 3647521 A1 20200506 - VKR HOLDING AS [DK]
- [A] DE 29816102 U1 19981217 - D & H MECHATRONIC DINGFELDER & [DE]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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