

Title (en)

A CHAIN OPERATING DEVICE FOR OPENING AND CLOSING A WINDOW OR A DOOR

Title (de)

KETTEN-BETÄIGUNGSVORRICHTUNG ZUM ÖFFNEN UND SCHLIESSEN EINES FENSTERS ODER EINER TÜR

Title (fr)

DISPOSITIF DE COMMANDE A CHAINE PERMETTANT D'OUVRIR ET DE FERMER UNE FENETRE OU UNE PORTE

Publication

EP 0688392 A1 19951227 (EN)

Application

EP 94909894 A 19940308

Priority

- DK 9400100 W 19940308
- DK 27293 A 19930310

Abstract (en)

[origin: WO9420717A1] For opening and closing a window or a door into and from a ventilation position a chain operating device is provided, having a first and a second fixture secured on the main frame and the frame, respectively. One fixture is firmly connected with one end of a chain (4) in engagement with a sprocket wheel mounted in the second fixture and which is driven by a rotating driving member. Said one connected fixture is designed as a two-parted coupling fixture comprising a first fixture part (1, 5) connected with the chain (4) and a second fixture part (17 to 19) connected with a frame or main frame structure. Said two fixture parts (1, 5; 17 to 19) have the form of elongated profiles that may be coupled together having individually at one end a stationary locking means (7, 22) and at the other end a releasable locking means (9, 23) so that the stationary locking means on one fixture part may be retained in releasable engagement with the releasable locking means on the second fixture part. Each of the releasable locking means (9, 23) can be switched over between two positions for releasing and retaining, respectively, the corresponding stationary locking means (22, 7).

IPC 1-7

E05F 11/04; E05F 15/00; E05F 15/12

IPC 8 full level

E05F 15/00 (2015.01); **E05F 11/06** (2006.01); **E05F 15/619** (2015.01)

CPC (source: EP)

E05F 11/06 (2013.01); **E05F 15/619** (2015.01); **E05Y 2201/10** (2013.01); **E05Y 2201/214** (2013.01); **E05Y 2201/244** (2013.01);
E05Y 2201/656 (2013.01); **E05Y 2201/724** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9420717 A1 19940915; AT E162583 T1 19980215; CZ 218695 A3 19960417; CZ 291828 B6 20030618; DE 69408126 D1 19980226;
DE 69408126 T2 19980820; DK 169999 B1 19950424; DK 27293 A 19940911; DK 27293 D0 19930310; EP 0688392 A1 19951227;
EP 0688392 B1 19980121; ES 2113092 T3 19980416; HU 214771 B 19980528; HU 9502414 D0 19951030; HU T72881 A 19960528;
PL 173626 B1 19980430; PL 310536 A1 19951227; SK 111695 A3 19960110; SK 284376 B6 20050204

DOCDB simple family (application)

DK 9400100 W 19940308; AT 94909894 T 19940308; CZ 218695 A 19940308; DE 69408126 T 19940308; DK 27293 A 19930310;
EP 94909894 A 19940308; ES 94909894 T 19940308; HU 9502414 A 19940308; PL 31053694 A 19940308; SK 111695 A 19940308