

Title (en)
TOGGLE-TYPE FASTENER

Publication
EP 0136638 A3 19851113 (DE)

Application
EP 84111323 A 19840922

Priority
CH 532783 A 19830930

Abstract (en)
[origin: EP0136638A2] 1. Tensioning fastener in which a rotary movement of an operating member (3) in relation to an axis of rotation is converted into a linear tensioning displacement component (S) of a pair of locking members (9, 11) moved in opposite directions, said locking members (9, 11) being pivotally mounted on the operating member (3) and supported in the working position one against the other by respective supporting surfaces (13, 15), characterized in that in the working position the supporting surfaces (13, 15) are supported one against the other at right angles to the direction of the linear tensioning displacement component (S), in such a manner that the stressing of the locking members (9, 11) in the direction of the component (S) is taken by the supporting surfaces (13, 15).

IPC 1-7
E05C 1/16; **E05C 9/04**

IPC 8 full level
E05C 1/16 (2006.01); **E05C 9/04** (2006.01)

CPC (source: EP)
E05C 9/043 (2013.01)

Citation (search report)
• [X] AT 107970 B 19271125 - WOLF ALEXANDER [HU]
• [X] DE 702859 C 19410218 - GUSTAV FR BAYER
• [AD] FR 822260 A 19371224 - FOND ET ATELIERS DU LAMINOIR
• [A] CH 298447 A 19540515 - GRUNDMANN GEB [AT]
• [A] US 2793892 A 19570528 - MARTIN HUTTERER

Cited by
EP0335811A1; FR2629481A1; US4957142A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0136638 A2 19850410; **EP 0136638 A3 19851113**; **EP 0136638 B1 19881214**; AT E39273 T1 19881215; DE 3475634 D1 19890119

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