

Title (en)

LOCKING DEVICE CONSISTING OF FLAT KEY AND LOCK CYLINDER

Publication

EP 0367433 B1 19930331 (EN)

Application

EP 89310516 A 19891013

Priority

DE 3836872 A 19881029

Abstract (en)

[origin: EP0367433A1] A locking device (1) comprises a lock cylinder (2) and a flat key (3), which has tumblers (17) controlled by at least one groove (6) provided in the broad side of the key (3). Each tumbler (17) is provided with recesses (21) for the partial entry of at least one locking element (22) extending parallel to the lock cylinder axis which can be displaced in a generally radial direction and which acts together with at least one cutout (23) of the cylinder housing (8) lying in the shear line of the cylinder plug (12). The locking element (22) is a cylinder of circular cross-section and the recess (21) and cutout (23) are each of a depth which is smaller than the radius of the cylinder (22).

IPC 1-7

E05B 35/00

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2171648A4; EP0613987A1; FR2956690A1; CN102892964A; WO2011104004A1; WO0120111A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0367433 A1 19900509; **EP 0367433 B1 19930331**; AT E87703 T1 19930415; DE 3836872 A1 19900503; DE 3836872 C2 19941020; DE 68905754 D1 19930506; DE 68905754 T2 19930708; ES 2039080 T3 19930816

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