

Title (en)

FLAT KEY FOR A LOCKING CYLINDER AND LOCKING CYLINDER

Title (de)

FLACHSCHLÜSSEL FÜR EINEN SCHLIESSZYLINDER UND SCHLIESSZYLINDER

Title (fr)

CLÉ PLATE POUR UN CYLINDRE DE FERMETURE ET CYLINDRE DE FERMETURE

Publication

**EP 2686510 A2 20140122 (DE)**

Application

**EP 12716183 A 20120319**

Priority

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Abstract (en)

[origin: WO2012088562A2] The invention relates to a flat key (1) for a locking cylinder, especially for locking systems, comprising a key back and a toothed key bit arranged opposite same, for positioning sprung core and housing rods in the locking cylinder. Said flat key comprises respectively at least two grooves (2, 3; 2', 3') on one or both flat sides, said grooves engaging in each other from the flat side and overlapping each other with divergent groove directions. The two overlapping grooves (2, 3; 2', 3') are undercut in opposite directions in such a way that, as a result of the undercuts, in at least one groove (2, 2'), the centre (4) of the groove base is covered in the direction normal to the longitudinal central plane (6). The intersection of the two grooves (2, 3, 2', 3') provides an edge (5) having a traceable position. The overlapping grooves (2, 3; 2', 3') can overlap with an opposing groove (42) as a guiding profiled groove in relation to the longitudinal central plane (6). The edge (5) inside the overlapping grooves (2, 3; 2', 3') can be flattened to form a bearing surface (5') for a tracing element (11, 12) in the locking cylinder.

IPC 8 full level

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