

Title (en)

MASTER-KEYED CYLINDER COMPRISING TUMBLERS AND CORRESPONDING MASTER KEY

Title (de)

ZUHALTUNGEN UMFASSENDE ZYLINDER MIT HAUPTSCHLÜSSEL UND ENTSPRECHENDER HAUPTSCHLÜSSEL

Title (fr)

CYLINDRE A GORGES A PASSE-PARTOUT ET PASSE-PARTOUT CORRESPONDANT

Publication

**EP 1672148 A1 20060621 (FR)**

Application

**EP 04713911 A 20040224**

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Abstract (en)

[origin: WO2005031093A1] The invention relates to a master-keyed cylinder comprising tumblers and to the corresponding master key. According to the invention, each tumbler is equipped with an inner hole comprising an outer protrusion on which a spring acts and an inner flange on which the key acts, such as to move the tumbler, said inner flanges being disposed at different heights. Moreover, the tumblers are disposed such that some of same move in one direction while others move in the opposite direction. In addition, the inner hole of each tumbler is provided with a step which is disposed on the side opposite that of the inner flange. Furthermore, one of the faces of the key comprises a notch having a minimum width which is equal to the distance between the maximum height reached by the flanges of the tumblers moving in one direction and the maximum height reached by the flanges of the tumblers moving in the opposite direction. The opposite face of said key is equipped with double toothings which are interconnected with the steps on the inner holes of the tumblers. The invention is suitable for locks.

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IPC 8 full level

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