

Title (en)

A wafer-type tumbler cylinder and key

Title (de)

Zylinderschloss mit Zuhaltungsplättchen und Schlüssel

Title (fr)

Cylindre de tumbler de type plaquette et clé

Publication

EP 1995401 B1 20100331 (EN)

Application

EP 07108691 A 20070522

Priority

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Abstract (en)

[origin: EP1995401A1] A wafer-type tumbler and key comprises a sleeve (1), a cylinder (2), some wafers (3), some springs (4) and a key (5). A shaft (20) on the cylinder includes a first and a second semicircular columnar body (20a,b). Disposed at the front and rear ends of the first semicircular columnar body are a flange (22) and a drive section (23) and at the inner lateral surface of the first semicircular columnar body is an indentation (201) that provides for insertion into the second semicircular columnar body. On the first and second semicircular columnar bodies (20a,b), one or more slots (24a,b) are disposed to fasten with the wafers (3). In addition to facilitating the placement of the wafers (3) and springs (4) into the shaft, the slots (24a,b) enable the fabrication of a corrugated keyway (21) with a narrower width. The key (5) has a serrated blade, wherein a metal plate is punched to produce its sectional shape into a corrugated contour to prohibit theft.

IPC 8 full level

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CPC (source: EP)

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Cited by

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