

Title (en)
LOCK DEVICE

Title (de)
SCHLIESSVORRICHTUNG

Title (fr)
DISPOSITIF DE FERMETURE

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Application
EP 11752103 A 20110810

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Abstract (en)
[origin: WO2012019757A1] The invention relates to a lock device (1), comprising a lock cylinder (3) and a flat key (2) having a control gate (5), wherein the lock cylinder (3) comprises a cylinder housing (7) and a cylinder core (6) rotationally supported in the cylinder housing and a plurality of plate-shaped tumblers (10-17), which are supported in the cylinder core (6) so as to be radially slidable with respect to the rotational axis of the cylinder core and which each have a key opening (18) having a control cam (30) and which are at least partially pushed by the spring load into a locking channel (38, 39) of the cylinder housing (7) in order to lock the lock cylinder (3) when the flat key (2) is removed and which are slid into an unlocking position by the control cam (33) guided in the control gate (5) when the key (2) is inserted, and wherein at least one stop (25, 26) is associated with each of the tumblers (10-17) in order to limit the sliding path in at least one sliding direction in order to conceal the unlocking position. The stop (25, 26) of at least one tumbler (10) is designed/arranged in such a way that said tumbler (10) is slid into the unlocking position of said tumbler by the spring load when the key is removed.

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