

Title (en)

KEY WITH A SLIDING ELEMENT, SAFETY CYLINDER, AND LOCK PROVIDED WITH SUCH A CYLINDER

Publication

**EP 0359885 B1 19921202 (FR)**

Application

**EP 88402368 A 19880920**

Priority

- EP 88402368 A 19880920
- FR 8711118 A 19870805

Abstract (en)

[origin: EP0359885A1] The key (1) for a safety cylinder, especially for operating a lock or a latch, comprises a body (3) intended for penetrating into a key receptacle provided in a cylinder rotor mounted in a stator, the key body being equipped with at least one slidable element (9) capable of moving in a movement of limited extent in a chamber (10) provided in the key. The element (9) is intended for interacting with a positioning member provided on the rotor, so as to project from its chamber (10) and push a moveable rotor pin into position allowing the rotor to rotate relative to the stator, the chamber (10) of the moveable element extending in a direction orthogonal relative to the longitudinal mid-axis (A) of the key body. The chamber (10) provided in the key body (3) has its axis located in the mid-plane of the key body and has a cross-section of a specially rectangular form such that, as a result of interaction with the matching cross-section of the element (9), it prevents any rotation of the element about its longitudinal axis (B) within the chamber (10). <IMAGE>

IPC 1-7

**E05B 27/00**

IPC 8 full level

**E05B 19/08** (2006.01); **E05B 19/06** (2006.01); **E05B 19/12** (2006.01); **E05B 27/00** (2006.01); **E05B 27/10** (2006.01); **E05B 35/00** (2006.01)

CPC (source: EP KR)

**E05B 19/00** (2013.01 - KR); **E05B 35/003** (2013.01 - EP); **E05B 27/00** (2013.01 - EP)

Cited by

US9103139B2; EP0902139A1; US6681609B1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0359885 A1 19900328**; **EP 0359885 B1 19921202**; AT E83025 T1 19921215; CA 1302105 C 19920602; DE 359885 T1 19900906; DE 3876439 D1 19930114; DE 3876439 T2 19930609; ES 2013979 A4 19900616; ES 2013979 T3 19930616; FR 2619149 A1 19890210; FR 2619149 B1 19930903; GR 3007161 T3 19930730; GR 900300092 T1 19910927; JP H01158185 A 19890621; KR 890004037 A 19890419; KR 950009224 B1 19950818

DOCDB simple family (application)

**EP 88402368 A 19880920**; AT 88402368 T 19880920; CA 573717 A 19880803; DE 3876439 T 19880920; DE 88402368 T 19880920; ES 88402368 T 19880920; FR 8711118 A 19870805; GR 900300092 T 19910927; GR 930400398 T 19930225; JP 19702988 A 19880805; KR 880009990 A 19880805