

Title (en)  
LOCK SYSTEM.

Title (de)  
SCHLIESSANLAGE.

Title (fr)  
DISPOSITIF DE FERMETURE.

Publication  
**EP 0463134 A1 19920102 (DE)**

Application  
**EP 91901670 A 19910111**

Priority  
CH 14490 A 19900117

Abstract (en)  
[origin: WO9110795A1] A lock system has lock cylinders (5) in which the rotor (9) is lodged as usual in the cylinder housing, (11) as well as lock cylinders (6) in which the rotor (10) is rotated through 180 about its longitudinal axis relative to the other rotors (9). The security keys for the lock system are flat keys and not turning keys and, in the event that these are priority keys, have two completely independent key codes. The invention also provides a further possibility for increasing the number of variations of the lock and thus for increasing its security.

Abstract (fr)  
Dispositif de fermeture présentant des cylindres de fermeture (5) dans lesquels la partie rotative (9) est située de la façon habituelle dans le bâti du cylindre (11), et comportant de plus, des cylindres de fermeture (6) dans lesquels la partie rotative (10) est tournée à 180° autour de son axe longitudinal par rapport aux autres parties rotatives (9) susnommées. Les clés de sécurité correspondantes sont des clés plates et des clés non tournantes possédant, lorsqu'il s'agit de clés principales, deux codes de fermeture totalement indépendants l'un de l'autre. L'invention met en valeur une possibilité supplémentaire d'augmenter les variations de fermeture et, de ce fait, la sécurité de fermeture.

IPC 1-7  
**E05B 19/00; E05B 27/00**

IPC 8 full level  
**E05B 19/08** (2006.01); **E05B 19/00** (2006.01); **E05B 19/06** (2006.01); **E05B 27/10** (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP US)  
**E05B 19/0023** (2013.01 - EP US); **E05B 19/0058** (2013.01 - EP US); **E05B 27/0053** (2013.01 - EP US); **Y10T 70/7565** (2015.04 - EP US); **Y10T 70/7729** (2015.04 - EP US); **Y10T 70/7864** (2015.04 - EP US); **Y10T 70/7881** (2015.04 - EP US); **Y10T 70/7893** (2015.04 - EP US)

Citation (search report)  
See references of WO 9110795A1

Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**WO 9110795 A1 19910725**; BR 9103970 A 19920303; CA 2050312 A1 19910718; CA 2050312 C 19981201; CH 681242 A5 19930215; DE 59100685 D1 19940120; EP 0463134 A1 19920102; EP 0463134 B1 19931208; ES 2047396 T3 19940216; JP 3076370 B2 20000814; JP H05500398 A 19930128; US 5349830 A 19940927

DOCDB simple family (application)  
**CH 9100010 W 19910111**; BR 9103970 A 19910111; CA 2050312 A 19910111; CH 14490 A 19900117; DE 59100685 T 19910111; EP 91901670 A 19910111; ES 91901670 T 19910111; JP 50200991 A 19910111; US 76193391 A 19910917