

Title (en)
LOCK CYLINDER

Title (de)
SCHLIESSZYLINDER

Title (fr)
CYLINDRE DE FERMETURE

Publication
EP 1470307 A1 20041027 (DE)

Application
EP 03734711 A 20030129

Priority
• DE 10203684 A 20020131
• DE 10220078 A 20020504
• EP 0300890 W 20030129

Abstract (en)
[origin: WO03064795A1] The invention relates to a lock cylinder comprising a cylinder housing (2) and a cylinder core (6), rotatably mounted in the latter, said core having a key channel (7) for inserting a key (9). Conventionally, the rotational motion of the cylinder core is locked by means of a tumbler element that traverses the rotating joint (F) between the cylinder core (6) and cylinder housing (2). According to the invention, the tumbler element is configured as a locking part that can be shifted from a lock position into a release position in the direction of insertion of the key, said locking part co-operating with a motion transfer member (17) that can be displaced transversally in relation to the direction of insertion of the key, during the shift from the lock position into the release position. The motion transfer member is a pin, which can be brought out of an inactive position that corresponds with the lock position of the locking part into an active position that permits the displacement of the locking part (33) into the release position by the insertion of the key (9).

IPC 1-7
E05B 27/00

IPC 8 full level
E05B 27/00 (2006.01); **E05B 35/00** (2006.01)

CPC (source: EP)
E05B 27/0042 (2013.01); **E05B 27/0082** (2013.01); **E05B 35/003** (2013.01)

Citation (search report)
See references of WO 03064795A1

Cited by
WO2014091511A1; US10246902B2

DOCDB simple family (publication)
WO 03064795 A1 20030807; AT E386860 T1 20080315; DE 50309199 D1 20080403; DK 1470307 T3 20080623; EP 1470307 A1 20041027; EP 1470307 B1 20080220; ES 2300584 T3 20080616

DOCDB simple family (application)
EP 0300890 W 20030129; AT 03734711 T 20030129; DE 50309199 T 20030129; DK 03734711 T 20030129; EP 03734711 A 20030129; ES 03734711 T 20030129