

Title (en)
KEYLESS CYLINDER COMBINATION LOCK AND TOOL FOR CHANGING THE COMBINATION

Publication
EP 0192544 B1 19880831 (FR)

Application
EP 86400244 A 19860205

Priority
FR 8501804 A 19850208

Abstract (en)
[origin: ES8701890A1] A combination cylinder lock having coding elements constituted by the combination of outer rings having notches suitable for receiving a locking member disposed between a rotor and a stator, in combination with coding disks having drive members enabling the combination to be decoded. The outer rings and the corresponding central disks are mutually declutchable in order to enable automatic combination changing.

IPC 1-7
E05B 37/08

IPC 8 full level
E05B 37/08 (2006.01)

CPC (source: EP US)
E05B 37/08 (2013.01 - EP US); **Y10T 70/7153** (2015.04 - EP US); **Y10T 70/7243** (2015.04 - EP US); **Y10T 70/7299** (2015.04 - EP US); **Y10T 70/7322** (2015.04 - EP US)

Cited by
EP0272444A3

Designated contracting state (EPC)
BE CH DE GB IT LI LU NL

DOCDB simple family (publication)
EP 0192544 A1 19860827; EP 0192544 B1 19880831; DE 3660634 D1 19881006; ES 551724 A0 19870101; ES 8701890 A1 19870101; FR 2577268 A1 19860814; FR 2577268 B1 19890512; JP H0426389 B2 19920507; JP S61242281 A 19861028; US 4726204 A 19880223

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EP 86400244 A 19860205; DE 3660634 T 19860205; ES 551724 A 19860207; FR 8501804 A 19850208; JP 2498486 A 19860208; US 82795586 A 19860207