

Title (en)

Door lock including a gear train.

Title (de)

Türschloss versehen mit einem Getriebe.

Title (fr)

Serrure de porte pourvue d'un jeu d'engrenages.

Publication

EP 0576787 B1 19950906 (DE)

Application

EP 93104401 A 19930318

Priority

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Abstract (en)

[origin: EP0576787A1] In a door lock with a bolt and preferably also a latch and with multi-point locking via push rods (22, 23) and locking elements attached thereto, which, in the same way as the bolt (2), can be brought into the locking position and out of this by means of a key, the rotation of the key of the lock cylinder must in a suitable way both be transmitted and be converted into a sliding movement of the bolt (2) and of the locking elements. At the same time, the drive for the locking elements moves transversely relative to the bolt (2) and to the latch (3). The conversion of the key rotation takes place via a pinion (8), driven by the locking bit (6) of the lock cylinder (5), by way of two intermediate wheels (9 and 10) to a gear which, according to the invention, is designed as a planetary gear (11). <IMAGE>

IPC 1-7

E05C 9/10; **E05B 63/14**

IPC 8 full level

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CPC (source: EP)

E05C 9/023 (2013.01); **E05B 53/008** (2013.01); **E05B 2017/043** (2013.01)

Cited by

EP1035277A1; EP3404179A1; US6109666A; DE102006000124A1; EP0940535A1; ITRM20110474A1; US8276417B2; DE202017002691U1; US11753847B2; DE202009017714U1; EP1350911A2

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