Title (en)

Mechanism for transmission of movement of door handle or key to the locking bolt of a lock

Title (de)

Mechanismus für die Bewegungsübertragung eines Türgriffs oder Schlüssels zu einem Riegelverschluss eines Schlosses

Title (fr)

Mécanisme pour la transmission de la mouvement du poignée ou de la clé de porte au pêne de verrouillage d'une serrure

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Application

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Priority

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Abstract (en)

The invention relates to a mechanism (2) for transmission of movement of a door handle or a key to the locking bolt (34) of a lock (20), said mechanism being provided with a body (4) and a locking bar member turning on the body about the longitudinal axis. The locking bar member is comprised of two locking bars, axially deflected relative to each other but substantially parallel in direction and operatively connected to each other with cogwheels (6, 8) of different sizes, the first (12) whereof being connectable to the cylinder lock or the door handle and the second (18) to the lock (20) and to the locking bolt (34) thereof. With the aid of the construction, the transmission ratio most advantageous to each embodiment is achieved between the opening movement and the rotary movement of the locking bar (18) displacing the locking bolt (34) of the lock (20). The invention also relates to a method for facilitating the opening of the lock (20). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

E05B 7/00 (2013.01); **E05B 65/1066** (2013.01)

Citation (search report)

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