

Title (en)

KEY WITH A PIVOTING ELEMENT AND A LOCK

Title (de)

SCHLÜSSEL MIT EINEM DREHBAREN ELEMENT UND EINEM SCHLOSS

Title (fr)

CLÉ AVEC UN ÉLÉMENT PIVOTANT ET UN VERROU

Publication

EP 3103944 B1 20180711 (EN)

Application

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Priority

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Abstract (en)

[origin: EP3103944A1] The present invention concerns a key for a cylinder lock. The key (3a) comprises a key shaft (22) for inserting into a key channel of the cylinder lock; and a force transferring means (31) disposed in the key shaft (22) and comprising a first pin engaging surface (39 1) for engaging with a first rotor pin of the cylinder lock, and a second pin engaging surface (39 2) for engaging with a second rotor pin of the cylinder lock. The force transferring means (31) is configured such that, in response to a first force exerted by the first pin on the first pin engaging surface (39 1) in a first direction, the second pin engaging surface (39 2) exerts a second force on to the second pin in a second direction. The second direction is substantially opposite to the first direction. The invention also relates to the corresponding cylinder lock.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP3483364A1; CN113366180A; IT201700028885A1; KR20190126396A; CN110621835A; RU2758625C2; US11220841B2; WO2018166662A1; US11933071B2; WO2020157742A1; TWI808296B

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