

Title (en)
Door locking mechanism

Title (de)
Türschlossmechanismus

Title (fr)
Mécanisme de serrure de porte

Publication
EP 1486604 A3 20081105 (EN)

Application
EP 04250942 A 20040220

Priority
KR 20030036581 A 20030607

Abstract (en)
[origin: EP1486604A2] A door locking mechanism is disclosed. It comprises a handle member (20) for attachment to a door and pivotable relative thereto by a user and a latch member (30) including a locking pin (33) and biasing means (50) for attachment to a door spaced from the handle member (20). The latch member (30) is also pivotable relative to the door against a bias provided by the biasing means (50) in response to rotation of the handle member (20) to release the locking pin (35) and unlock the door. The handle member (20) and latch member (30) include cooperating means (23,32) so that the latch member (30) rotates against the bias in response to rotation of the handle member (20) to unlock the door.

IPC 8 full level
D06F 39/14 (2006.01)

CPC (source: EP KR US)
D06F 37/10 (2013.01 - KR); **D06F 37/28** (2013.01 - KR); **D06F 39/14** (2013.01 - EP KR US); **D06F 34/20** (2020.02 - EP US);
D06F 2105/44 (2020.02 - KR)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
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EP 04250942 A 20040220; KR 20030036581 A 20030607; US 80832404 A 20040325