

Title (en)
Door lock

Title (de)
Türschloss

Title (fr)
Serrure pour porte

Publication
EP 0668425 B1 19980408 (DE)

Application
EP 94810740 A 19941221

Priority
• CH 50494 A 19940221
• CH 300694 A 19941006

Abstract (en)
[origin: EP0668425A1] A latch (3) and lock (4) for a door are withdrawn simultaneously by the lever (7) attached to the shaft (2). This causes a thrust rod (8) attached to the lock to move against the force of a spring (5). A ratchet (10 to 12) ensures that the rod and the lock are held in the furthest withdrawn position. When the door is closed, the ratchet is released by a position sensor (6) and the spring engages the lock independently of key operation. An electromagnet is also provided.

IPC 1-7
E05B 59/00

IPC 8 full level
E05B 59/00 (2006.01); **E05B 63/20** (2006.01); **E05B 65/10** (2006.01); **E05C 9/18** (2006.01); **E05B 17/20** (2006.01); **E05B 47/00** (2006.01); **E05B 47/06** (2006.01); **E05B 55/12** (2006.01); **E05B 63/16** (2006.01); **E05C 9/02** (2006.01)

CPC (source: EP)
E05B 47/0603 (2013.01); **E05B 59/00** (2013.01); **E05B 63/20** (2013.01); **E05B 65/1086** (2013.01); **E05C 9/026** (2013.01); **E05C 9/1841** (2013.01); **E05B 17/2003** (2013.01); **E05B 55/12** (2013.01); **E05B 63/16** (2013.01); **E05B 2047/0068** (2013.01)

Cited by
EP2206858A1; EP0942135A1; CN104763243A; EP0816602A3; EP0853177A3; AT512462A1; CN102191890A; CN104956018A; DE102015112261A1; EP2058460A3; DE19905596C2; EP0795663A1; EP1555365A1; CN104903526A; EP1203860A1; LU90671B1; DE19701761C1; DE19707762C1; EP0816603A3; EP0861960A3; EP1291478A1; FR2829518A1; EP1020593A3; DE102013110428A1; EP0902142A1; EP0887498A3; EP2559834A3; CN115012742A; DE19651609B4; EP0848124A3; EP3144456A1; WO2010085132A1; WO2011109573A3; WO9967489A1; WO9733061A1; WO2022048801A1; WO0194726A1; WO2015144357A1; WO2024109373A1; WO2014019562A3; WO2015144535A1; DE202009008430U1; US6899361B2; EP2264263A2; EP3619382B1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL PT

DOCDB simple family (publication)
EP 0668425 A1 19950823; EP 0668425 B1 19980408; AT E164909 T1 19980415; DE 59405638 D1 19980514; ES 2115191 T3 19980616

DOCDB simple family (application)
EP 94810740 A 19941221; AT 94810740 T 19941221; DE 59405638 T 19941221; ES 94810740 T 19941221