Title (en)
   Door drive

Title (de)
   Torantrieb

Title (fr)
   Commande de porte

Publication
   EP 0961001 A3 20030312 (DE)

Application
   EP 99108353 A 19990428

Priority
   DE 29809641 U 19980528

Abstract (en)
   [origin: EP0961001A2] The modular assembly groups can be joined to one another by a screw connection. The function units incorporate one or more of the following modules: gear module (10), serving module (20), hand operation module (30), brake module (40), matching module (50) and drive module (60). The hand operation module (30) for manual operation has a chain (32) or crank. The crank is connected with the hand operation module by means of a Cardan joint. The hand operation module is so arranged that it is connectable with the gear module or the serving module. The matching module (50) is so formed that it is connectable with the drive unit and the hand operation module.

IPC 1-7
   E05F 15/10; H02K 7/10

IPC 8 full level
   E05F 11/02 (2006.01); **E05F 15/16** (2006.01); **E05F 15/668** (2015.01); **E06B 9/74** (2006.01); E05F 11/54 (2006.01); E05F 15/10 (2006.01)

CPC (source: EP)
   E05F 15/668 (2015.01); **E06B 9/74** (2013.01); E05F 11/54 (2013.01); E05F 15/603 (2015.01); E05Y 2201/21 (2013.01); E05Y 2201/434 (2013.01); E05Y 2201/678 (2013.01); E05Y 2600/522 (2013.01); E05Y 2800/232 (2013.01); E05Y 2800/72 (2013.01); E05Y 2900/00 (2013.01); E05Y 2900/106 (2013.01)

Citation (search report)
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Designated contracting state (EPC)
   AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
   DE 29809641 U1 19981112; EP 0961001 A2 19991201; EP 0961001 A3 20030312; JP H11350828 A 19991221

DOCDB simple family (application)
   DE 29809641 U 19980528; EP 99108353 A 19990428; JP 14113599 A 19990521