

Title (en)
Dual-operation handle device

Title (de)
Betriebsvorrichtung mit Dualbetrieb

Title (fr)
Dispositif de poignée bi-mode

Publication
EP 2006873 B1 20131030 (EN)

Application
EP 08104328 A 20080610

Priority
CN 200710112075 A 20070622

Abstract (en)
[origin: EP2006873A2] The present invention provides a duel-operation handle device comprising a base with rotating shafts, and a main operation handle and a coupler mounted on one of said rotating shafts wherein said main operation handle and coupler are provided with mated projecting edges so that when said main operation handle is operated to turn around the rotating shaft, said coupler will be driven by said mated projecting edge to turn around the rotating shaft. Said duel-operation handle further comprises an ancillary operation handle which is arranged concentrically with said main operation handle and is provided with at least one tooth. Said coupler is further provided with at least one tooth to engage with the tooth of said ancillary operation handle so that when said ancillary operation handle is operated to turn around the rotating shaft, said coupler will be driven by said engaging teeth to turn around the rotating shaft. Said linkage mechanism connected with the coupler can be driven by only operating the ancillary operation handle, without operating said main operation handle or affecting the current state of said main operation handle.

IPC 8 full level
H01H 71/10 (2006.01)

CPC (source: EP)
H01H 71/462 (2013.01); **H01H 71/521** (2013.01); **H01H 3/40** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2006873 A2 20081224; **EP 2006873 A3 20100707**; **EP 2006873 B1 20131030**; CN 101329955 A 20081224; CN 101329955 B 20110706; ES 2436285 T3 20131230

DOCDB simple family (application)
EP 08104328 A 20080610; CN 200710112075 A 20070622; ES 08104328 T 20080610