

Title (en)
Interchangeable tool holder

Title (de)
Wechselhaltersystem für Werkzeuge

Title (fr)
Support interchangeable pour outils

Publication
EP 1338757 A3 20031126 (DE)

Application
EP 03002497 A 20030206

Priority
DE 10205791 A 20020213

Abstract (en)
[origin: DE10205791C1] Handle system comprises a box (2) with a recess (3) for a shaft (5) of a handle welded to a roller (1) on its upper side, a handle provided with a tool recess whose shaft is inserted into the recess, and a draw spindle (16) for fixing the handle on the box. Guides (6, 7) are arranged in the wall of the box. The shaft of the handle has a groove (17) extending from its lower side and has an attachment (5a) with a surface (5b) on its outer sides. A first jaw body (8) is guided in the first guide (6) and contains a first bore (10). A second jaw body (9) is guided in the second guide (7) and contains a second bore (11) aligned with the first bore. The jaw bodies axially travel by rotating the draw spindle.

IPC 1-7
E21C 35/193

IPC 8 full level
B28D 1/18 (2006.01)

CPC (source: EP)
B28D 1/188 (2013.01)

Citation (search report)

- [X] US 4609227 A 19860902 - WILD WALTER [DE], et al
- [A] DE 29510913 U1 19950928 - WAGENER HELMUT [DE]
- [A] WO 9839553 A1 19980911 - BINGHAM ENGINEERING LIMITED [GB], et al

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 SE SI SK TR

DOCDB simple family (publication)
DE 10205791 C1 20030430; EP 1338757 A2 20030827; EP 1338757 A3 20031126

DOCDB simple family (application)
DE 10205791 A 20020213; EP 03002497 A 20030206