

Title (en)

Supplementary handle for a manual tool machine

Title (de)

Zusatzhandgriff für eine Handwerkzeugmaschine

Title (fr)

Poignée supplémentaire pour une machine-outil manuelle

Publication

EP 2163357 B1 20170726 (DE)

Application

EP 09167961 A 20090817

Priority

DE 102008042114 A 20080915

Abstract (en)

[origin: EP2163357A1] The auxiliary handle (11) has a grasping element (31) for holding the auxiliary handle, and has a bracing element for bracing and loosening a clamping section (21), which is arranged at an end of a bearing pin. The auxiliary handle has a releasing device with an actuating element. The releasing device is independent of the bracing element. The locking device is displaced from a blocking position for blocking the swivel joint into a release position for releasing the swivel joint by the actuation of the actuating element.

IPC 8 full level

B25F 5/02 (2006.01)

CPC (source: EP US)

B25F 5/026 (2013.01 - EP US); **Y10S 16/25** (2013.01 - US)

Cited by

EP3034245A1; EP2803450A1; CN103240715A; EP3156190A3; US10093014B2; WO2016096819A1; WO2014184222A1; US9781993B2; US9993064B2

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2163357 A1 20100317; EP 2163357 B1 20170726; DE 102008042114 A1 20100318; ES 2644794 T3 20171130; US 2010064480 A1 20100318; US 8166614 B2 20120501

DOCDB simple family (application)

EP 09167961 A 20090817; DE 102008042114 A 20080915; ES 09167961 T 20090817; US 58490809 A 20090914