

Title (en)
TONGS

Title (de)
ZANGE

Title (fr)
PINCE

Publication
EP 2076361 B1 20120516 (DE)

Application
EP 07729488 A 20070524

Priority
• EP 2007055059 W 20070524
• DE 102006024296 A 20060524

Abstract (en)
[origin: WO2007135190A2] The invention relates to a pair of tongs (1) with two tong limbs (2, 3) which are connected rotatably to each other in a joint in which they are inserted and which has an axially fixed joint pin (7), wherein the tong limbs (2, 3) are only rotatable with respect to each other, and a working region (4) and a handle region (5) are formed in each case on one tong limb (2, 3), and a receiving tong limb (3) is designed with an insertion slot (6) which has a slot width (s) in the region of the joint and through which the other inserted tong limb (2) is inserted, wherein, furthermore, the working regions (4) of the tong limbs (2, 3) have a greater width (b), at least in part, than the slot width (s). In order to make production economic with the stability being as good as possible, the invention proposes that the handle region (5) of the inserted tong limb (2) has a width (B) and, if appropriate, a thickness which corresponds to the slot width (s). With regard to great freedom in the geometrical design of a handle limb, the invention also proposes that the handle covering has a reinforcing element.

IPC 8 full level
B25B 7/08 (2006.01); **B25G 1/10** (2006.01)

CPC (source: EP US)
B25B 7/08 (2013.01 - EP US); **B25G 1/12** (2013.01 - EP US); **B26B 17/00** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006024296 A1 20071129; CN 101495273 A 20090729; CN 101495273 B 20120229; EP 2076361 A2 20090708;
EP 2076361 B1 20120516; ES 2385503 T3 20120725; PL 2076361 T3 20120928; US 2009165602 A1 20090702; US 8087327 B2 20120103;
WO 2007135190 A2 20071129; WO 2007135190 A3 20080417

DOCDB simple family (application)
DE 102006024296 A 20060524; CN 200780028440 A 20070524; EP 07729488 A 20070524; EP 2007055059 W 20070524;
ES 07729488 T 20070524; PL 07729488 T 20070524; US 22758407 A 20070524