

Title (en)
CLAMPING DEVICE FOR THE BEARING RINGS OF WHEEL FLANGE HUBS

Publication
EP 0258594 B1 19900103 (DE)

Application
EP 87110334 A 19870717

Priority
DE 8623406 U 19860901

Abstract (en)
[origin: EP0258594A1] 1. A clamping device for removing bearing rings from wheel flange hubs and having, adapted for movement relatively to each other by engagement of screwthreads, two clamping jaws (4, 5) which are provided with recesses disposed opposite each other in a common plane, the two clamping jaws (4, 5) being form-lockingly guided on two parallel guide rails (6, 7) on which there is a further transverse member (8), one clamping jaw (5) being capable of being pressed by a screwthreaded spindle (24) seated in a screwthreaded bore (25) in the cross-member (8) and against the other clamping jaw (4) which is fixed on the guide members by screwed joints, characterised in that the two clamping jaws (4, 5) consist of plate-like members of identical thickness, provided in each case with at least approximately semi-circular cut-outs (17, 18), and in that the two clamping jaws (4, 5) are disposed between two longitudinal members (6, 7) of identical thickness which are bolted at one end on the fixed clamping jaw (4) and at the other end on the likewise equally thick cross-member (8) disposed between them, to form a flat plane clamping frame, and in that the two longitudinal members (6, 7) are in each case form-lockingly connected by tongue-groove guides to the two clamping jaws (4, 5) and in that for form-locking interchangeable insertion into the cut-outs (17, 18) in the clamping jaws (4, 5), pairwise identically constructed and substantially semi-circular clamping shells (21, 22, 23, 23') are provided which have radially inwardly projecting profiled ribs (30) and/or gripper projections, which can be connected to the clamping jaws (4, 5) by tongue-and-groove engagement (19, 20, 29).

IPC 1-7
B25B 27/06

IPC 8 full level
B25B 27/06 (2006.01); **B25B 27/073** (2006.01)

CPC (source: EP)
B25B 27/062 (2013.01)

Cited by
CN106312857A; CN107471145A; CN102729206A; CN107351012A; EP0803332A1; US5906034A; CN102528734A; CN106272241A; EP0370179A3; US2015083981A1

Designated contracting state (EPC)
CH ES FR IT LI NL SE

DOCDB simple family (publication)
DE 8623406 U1 19861023; EP 0258594 A1 19880309; EP 0258594 B1 19900103; ES 2012376 B3 19900316

DOCDB simple family (application)
DE 8623406 U 19860901; EP 87110334 A 19870717; ES 87110334 T 19870717