

Title (en)

Apparatus for rolling of crankshafts

Title (de)

Gerät zum Festwalzen von Kurbelwellen

Title (fr)

Machine de galetage de vilebrequins

Publication

EP 1201364 B1 20070228 (DE)

Application

EP 01120063 A 20010821

Priority

DE 10052753 A 20001025

Abstract (en)

[origin: EP1201364A1] An appliance consisting of at least one clamping chuck (10,11) for the crank shaft (6) applies tensile force (12) on the crank shaft in the crank shaft's lengthwise direction. The crank shaft is clamped between a clamping chuck, a tailstock or fixed stay. Additional bending stress is applied to the crank shaft by support rollers., while extra external stress is applied when the passes or radii are being rolled.

IPC 8 full level

B24B 39/04 (2006.01); **F16C 3/06** (2006.01); **B24B 49/16** (2006.01)

CPC (source: EP US)

B24B 39/045 (2013.01 - EP US); **B24B 49/16** (2013.01 - EP US)

Cited by

CN104302447A; EP3912759A1; EP3912759B1

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

EP 1201364 A1 20020502; **EP 1201364 B1 20070228**; AT E355154 T1 20060315; DE 10052753 A1 20020508; DE 50112106 D1 20070412; JP 2002181027 A 20020626; JP 4243446 B2 20090325; US 2002108417 A1 20020815; US 6651474 B2 20031125

DOCDB simple family (application)

EP 01120063 A 20010821; AT 01120063 T 20010821; DE 10052753 A 20001025; DE 50112106 T 20010821; JP 2001327528 A 20011025; US 370801 A 20011024