

Title (en)
DEVICE FOR ROLLING AN ECCENTRIC ROTATIONAL COMPONENT, ROLLING MACHINE, METHOD, AND ECCENTRIC ROTATIONAL COMPONENT

Title (de)
VORRICHTUNG ZUM WALZEN EINES EXZENTRISCHEN ROTATIONSBAUTEILS, WALZMASCHINE UND VERFAHREN SOWIE EXZENTRISCHES ROTATIONSBAUTEIL

Title (fr)
DISPOSITIF DE LAMINAGE D'UNE PIÈCE DE ROTATION EXCENTRIQUE, LAMINOIR ET PROCÉDÉ ASSOCIÉS ET PIÈCE DE ROTATION EXCENTRIQUE

Publication
EP 2456597 A1 20120530 (DE)

Application
EP 10734641 A 20100531

Priority
• DE 102009034291 A 20090721
• DE 102010008694 A 20100219
• DE 2010000601 W 20100531

Abstract (en)
[origin: WO2011009425A1] The invention relates to a tool (A) for rolling an eccentric rotational component (B) having an eccentric portion, in particular an eccentric worm shaft, wherein the tool (A) has a rotational device (R) having a rolling device (410), by means of which the surface edge zone of the eccentric rotational component (B) is strengthened in order to increase the service life thereof. In an embodiment example, a cutting process is performed before the rolling process.

IPC 8 full level
B24B 27/00 (2006.01); **B21H 3/12** (2006.01); **B23B 5/12** (2006.01); **B23P 9/02** (2006.01); **B23P 23/04** (2006.01); **B24B 39/04** (2006.01)

CPC (source: EP KR US)
B21H 3/12 (2013.01 - EP KR US); **B23P 9/02** (2013.01 - EP KR US); **B24B 27/003** (2013.01 - EP KR US); **B24B 39/04** (2013.01 - KR); **B24B 39/045** (2013.01 - EP KR US); **Y10T 29/476** (2015.01 - EP US); **Y10T 428/24628** (2015.01 - EP US)

Citation (search report)
See references of WO 2011009425A1

Designated contracting state (EPC)
AL 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)
WO 2011009425 A1 20110127; CA 2768622 A1 20110127; CN 102666013 A 20120912; DE 102010008694 A1 20110210; DE 112010003041 A5 20120606; EP 2456597 A1 20120530; KR 20120068814 A 20120627; US 2012196092 A1 20120802

DOCDB simple family (application)
DE 2010000601 W 20100531; CA 2768622 A 20100531; CN 201080042193 A 20100531; DE 102010008694 A 20100219; DE 112010003041 T 20100531; EP 10734641 A 20100531; KR 20127001560 A 20100531; US 201013384991 A 20100531