

Title (en)

PRESSING DEVICE FOR CUTTING MEANS AND APPARATUS AND METHOD FOR FINISHING CIRCUMFERENTIAL SURFACES ON CYLINDRICAL PARTS OF A WORKPIECE

Title (de)

ANDRÜCKEINRICHTUNG FÜR SCHNEIDMITTEL SOWIE VORRICHTUNG UND VERFAHREN ZUR FINISHBEARBEITUNG VON UMFANGSFLÄCHEN AN ZYLINDRISCHEN WERKSTÜCKABSCHNITTEN

Title (fr)

DISPOSITIF DE PRESSION D'ÉLÉMENTS COUPANTS, DISPOSITIF ET PROCÉDÉ DE FINITION DE SURFACES PÉRIPHÉRIQUES DE PARTIES CYLINDRIQUES DE PIÈCES D'USINAGE

Publication

EP 2212058 B2 20180328 (DE)

Application

EP 08840276 A 20081015

Priority

- EP 2008008714 W 20081015
- DE 102007051047 A 20071016

Abstract (en)

[origin: US2010236314A1] A pressing device (50) for pressing cutting means onto circumferential surfaces (12) of substantially cylindrical workpiece portions (13) during a finishing operation is provided for pressing the cutting means onto a circumferential surface with a pressing force over a contact angle. The pressing device is steplessly adaptable for the machining of workpiece portions of differing diameters that have a diameter difference of at least 0.1 mm.

IPC 8 full level

B24B 21/02 (2006.01); **B24B 21/20** (2006.01); **B24B 21/22** (2006.01)

CPC (source: CN EP US)

B24B 21/02 (2013.01 - CN EP US); **B24B 21/18** (2013.01 - EP US); **B24B 21/20** (2013.01 - CN); **B24B 21/22** (2013.01 - CN); **B24B 35/00** (2013.01 - EP US)

Citation (opposition)

Opponent :

- US 2003003854 A1 20030102 - DEWARE WILLIAM R [US], et al
- EP 1514640 A2 20050316 - THIELENHAUS TECHNOLOGIES GMBH [DE]
- US 5951377 A 19990914 - VAUGHN RICHARD P [US], et al
- DE 10342139 A1 20050407 - THIELENHAUS TECHNOLOGIES GMBH [DE]

Cited by

DE102014200445A1; DE102016216633B4; DE102014213194A1; DE102014214719A1; DE102014208319B4; CN102554728A; DE202013005504U1; WO2016005193A1; US9744639B2; DE202014000094U1; DE102014208319A1; WO2015169484A1; US9802291B2; DE102016216633A1; WO2018041618A1; EP2803445A1; WO2014183914A1; US10058971B2; EP2712702A1; US9221146B2; WO2016012526A1; US10207383B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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US 73857008 A 20081015; AT 08840276 T 20081015; CN 200880121273 A 20081015; CN 201610536802 A 20081015; DE 102007051047 A 20071016; DE 202008018526 U 20081015; DE 202008018607 U 20081015; EP 08840276 A 20081015; EP 2008008714 W 20081015; ES 08840276 T 20081015