

Title (en)

Process for forming to final size of a recess

Title (de)

Verfahren zur Kalibrierung einer vorgeformten Ausnehmung

Title (fr)

Procédé de calibration d'un évidement

Publication

EP 0826450 B1 20010228 (DE)

Application

EP 97114049 A 19970814

Priority

DE 19635183 A 19960830

Abstract (en)

[origin: EP0826450A1] The method concerns calibration of a basically disk-shaped sintered component (1) whose circumferential surface has a continuous and/or polygonal contour provided with at least one annular recess. The component is placed into a calibrating die (12) and is fixed by at least one top and one bottom profiled punches (18, 17) and by at least one calibrating slider (20.1, 20.2) meshing with the recess. Pressure is applied to the punches. As a result, the recess is brought to the final dimensions by at least particle deformation.

IPC 1-7

B22F 5/10; **B22F 3/03**; **F16F 9/32**

IPC 8 full level

B22F 3/03 (2006.01); **B22F 5/10** (2006.01); **F16F 9/32** (2006.01)

CPC (source: EP US)

B22F 3/03 (2013.01 - EP US); **B22F 5/10** (2013.01 - EP US); **B22F 2003/166** (2013.01 - EP US); **Y10T 29/49252** (2015.01 - EP US); **Y10T 29/49265** (2015.01 - EP US); **Y10T 29/49861** (2015.01 - EP US); **Y10T 29/49945** (2015.01 - EP US)

Cited by

CN118371582A

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0826450 A1 19980304; **EP 0826450 B1 20010228**; DE 19635183 A1 19980305; DE 59703037 D1 20010405; ES 2155643 T3 20010516; US 6101713 A 20000815

DOCDB simple family (application)

EP 97114049 A 19970814; DE 19635183 A 19960830; DE 59703037 T 19970814; ES 97114049 T 19970814; US 92111297 A 19970829