

Title (en)

Article molded from metal powder and process and apparatus for preparing the same

Title (de)

Pressteil aus Metallpulver, Verfahren und Vorrichtung zu seiner Herstellung

Title (fr)

Article moulé, procédé et installation pour sa préparation

Publication

EP 0682999 B1 20010207 (DE)

Application

EP 95105492 A 19950412

Priority

DE 4417663 A 19940520

Abstract (en)

[origin: EP0682999A2] Pressed metal powder part, esp. sintered part, with one or more re-entrant grooves, in which the re-entrant groove is formed by an additional finish pressing operation on a preformed compact. A mfg. process and equipment for the above are also claimed. <IMAGE>

IPC 1-7

B22F 5/00; **B22F 5/10**; **B22F 3/03**

IPC 8 full level

B22F 3/03 (2006.01); **B22F 5/00** (2006.01); **B22F 5/10** (2006.01); **B30B 15/02** (2006.01)

CPC (source: EP)

B22F 3/03 (2013.01); **B22F 3/164** (2013.01); **B22F 5/10** (2013.01); **B30B 15/022** (2013.01)

Cited by

DE102010061802B4; CN104384513A; FR2942733A1; CN103934455A; EP3388227A1; EP1033193A4; AT522877A4; AT522877B1; US6444167B1; US6536305B2; WO2018189315A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0682999 A2 19951122; **EP 0682999 A3 19970507**; **EP 0682999 B1 20010207**; DE 4417663 A1 19951123; DE 4417663 C2 20031204; DE 59509008 D1 20010315; ES 2154691 T3 20010416

DOCDB simple family (application)

EP 95105492 A 19950412; DE 4417663 A 19940520; DE 59509008 T 19950412; ES 95105492 T 19950412