

Title (en)
METHOD OF PREPARING WORK PIECES FROM METAL POWDER

Publication
EP 0141350 B1 19880907 (DE)

Application
EP 84112605 A 19841018

Priority
DE 3338369 A 19831021

Abstract (en)
[origin: US4565668A] A method of making powder-metallurgical articles, in which powder of metal and/or metal alloys is filled into a thin-walled casing, whereupon the casing is closed and subjected to cold-isostatic pressure. Thereby the powder within the casing is compacted to form a strong or, respectively, dimensionally stable article. When the casing wall includes a joining weld seam, said casing wall is provided with an elastically expandable layer in the close vicinity of the weld seam in order to prevent formation of a fold, preferably in such a way that an approximately uniform prestress is applied to the wall surface.

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B22F 3/04

IPC 8 full level
B22F 3/04 (2006.01); **B22F 3/12** (2006.01); **B22F 5/12** (2006.01); **B28B 3/00** (2006.01); **B30B 11/00** (2006.01); **C04B 35/64** (2006.01); **C04B 35/645** (2006.01)

CPC (source: EP KR US)
B22F 3/02 (2013.01 - KR); **B22F 3/04** (2013.01 - EP US); **B22F 3/1233** (2013.01 - EP US); **B22F 3/1241** (2013.01 - EP US); **Y10S 29/031** (2013.01 - EP US); **Y10T 428/1359** (2015.01 - EP US); **Y10T 428/2975** (2015.01 - EP US)

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