

Title (en)

CONSOLIDATING TOOL FOR COMPRESSING METAL POWDERS

Publication

**EP 0185951 B1 19900207 (DE)**

Application

**EP 85115038 A 19851127**

Priority

DE 3447134 A 19841222

Abstract (en)

[origin: EP0185951A1] 1. A consolidating tool for compacting metal powder, comprising a mould (1) having an outer cone (16), upper and lower dies (5, 6) and lateral guides (10 to 13) and a press bed (4), wherein the mould (1) is divided into at least three segments and is supported relative to the press bed (5) by way of springs, hydraulic and/or pneumatic cylinders (2, 3), the mould (1) being held in an outer ring (9) provided with an inner cone (15), and means being provided for pressing out the mould (1) after each pressing operation.

IPC 1-7

**B22F 3/02**; **B30B 15/02**

IPC 8 full level

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

CPC (source: EP)

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

Cited by

CN103302891A; CN103331444A; GB2353968A; GB2353968B; GB2371773A; GB2371773B; CN108655396A; WO8902797A1

Designated contracting state (EPC)

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**EP 0185951 A1 19860702**; **EP 0185951 B1 19900207**; AT E50181 T1 19900215; DE 3447134 A1 19860626; ES 550157 A0 19861216; ES 8702235 A1 19861216; NO 854486 L 19860623

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