

Title (en)
METHOD FOR PRESSING CYLINDRICAL COMPOSITE BODIES

Title (de)
VERFAHREN ZUM PRESSEN ZYLINDRISCHER VERBUNDKÖRPER

Title (fr)
PROCEDE DE MOULAGE DE CORPS COMPOSITES CYLINDRIQUES

Publication
EP 1115541 A1 20010718 (DE)

Application
EP 00956076 A 20000708

Priority

- DE 0002237 W 20000708
- DE 19934761 A 19990723

Abstract (en)
[origin: DE19934761C1] The manufacturing method has individual components (1,2) of the glow plug which are made of different materials shaped via a cold forming process, before fitting together and combining via a warm pressing process. The components are fitted together within a mould sleeve (10) provided with an axially displaced die (11,12) at either end, inserted in a corresponding bore of an insulation plate (15) for transfer to a corresponding bore (20) of a steel carrier plate (27) which is heated and compressed between 2 heated press plates (17). An Independent claim for a press device for manufacture of a glow plug ceramic body is also included.

IPC 1-7
B28B 3/02; **B30B 11/02**; **B30B 15/30**

IPC 8 full level
B30B 15/34 (2006.01); **B28B 1/00** (2006.01); **B28B 3/00** (2006.01); **B28B 3/02** (2006.01); **B30B 11/02** (2006.01); **B30B 15/30** (2006.01)

CPC (source: EP US)
B28B 1/008 (2013.01 - EP US); **B28B 3/00** (2013.01 - EP US); **B28B 3/025** (2013.01 - EP US)

Citation (search report)
See references of WO 0107223A1

Cited by
CN113442267A

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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DE 19934761 C1 20001130; DE 50003893 D1 20031106; EP 1115541 A1 20010718; EP 1115541 B1 20031001; JP 2003505268 A 20030212; US 6524414 B1 20030225; WO 0107223 A1 20010201

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