

Title (en)  
SINTERED METAL PARTS AND METHOD FOR THE MANUFACTURING THEREOF

Title (de)  
GESINTERTE METALLTEILE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
PIECES METALLIQUES FRITTEES ET PROCEDE DE FABRICATION DESDITES PIECES

Publication  
**EP 1740332 A1 20070110 (EN)**

Application  
**EP 05733730 A 20050420**

Priority  
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• SE 0401041 A 20040421

Abstract (en)  
[origin: WO2005102565A1] The invention concerns a sintered metal part which has a densified surface and sintered density of at least 7.35 g/cm<sup>3</sup> and a core structure distinguished by a pore structure obtained by single pressing to at least 7.35 g/cm<sup>3</sup> and single sintering of a mixture of a coarse iron or iron-based powder and optional additives.

IPC 8 full level  
**B22F 1/00** (2006.01); **B22F 3/12** (2006.01); **B22F 3/24** (2006.01); **C22C 33/02** (2006.01)

IPC 8 main group level  
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CPC (source: EP KR)  
**B22F 1/00** (2013.01 - KR); **B22F 3/12** (2013.01 - KR); **C22C 33/02** (2013.01 - EP); **B22F 2003/023** (2013.01 - EP); **B22F 2003/166** (2013.01 - EP); **B22F 2998/10** (2013.01 - EP); **B22F 2999/00** (2013.01 - EP)

C-Set (source: EP)  
1. **B22F 2998/10** + **B22F 3/18**  
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Citation (search report)  
See references of WO 2005102565A1

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DOCDB simple family (publication)  
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