

Title (en)  
METHOD FOR CENTRIFUGAL CASTING

Title (de)  
VERFAHREN ZUM SCHLEUDERGIESSEN

Title (fr)  
PROCEDE DE MOULAGE PAR CENTRIFUGATION

Publication  
**EP 1622734 B1 20091125 (DE)**

Application  
**EP 04728325 A 20040420**

Priority  
• DE 2004000837 W 20040420  
• DE 10321391 A 20030512

Abstract (en)  
[origin: DE10321391B3] Centrifugal casting process comprises inserting a first alloy (10) in the liquid state into a rotating mold (14) to produce an outer casing (16) for a cast piece, allowing the cast piece to cool until the alloy solidifies, and inserting a further alloy in the liquid state onto a partial region of the inner surface while maintaining the rotation of the mold. The further alloy melts in a boundary region with the cooled material made from the first alloy and forms a cast iron with other material properties when it solidifies. An independent claim is also included for a cylinder liner made by the above process.

IPC 8 full level  
**B22D 19/16** (2006.01); **B22D 13/02** (2006.01); **B22D 19/00** (2006.01)

CPC (source: EP)  
**B22D 13/023** (2013.01); **B22D 19/0009** (2013.01)

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