

Title (en)  
CASTING DEVICE FOR A PISTON FOR AN INTERNAL COMBUSTION ENGINE AND METHOD FOR OPENING AND/OR CLOSING A CASTING DEVICE

Title (de)  
GIESSVORRICHTUNG FÜR EINEN KOLBEN FÜR EINEN VERBRENNUNGSMOTOR UND VERFAHREN ZUM ÖFFNEN UND/ODER SCHLIEßEN EINER GIESSVORRICHTUNG

Title (fr)  
DISPOSITIF DE COULÉE POUR UN PISTON POUR UN MOTEUR À COMBUSTION INTERNE ET PROCÉDÉ POUR OUVRIR ET/OU FERMER UN DISPOSITIF DE COULÉE

Publication  
**EP 2654989 A1 20131030 (DE)**

Application  
**EP 11785016 A 20111118**

Priority  
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• EP 2011070454 W 20111118

Abstract (en)  
[origin: WO2012084364A1] The invention relates to a casting device for a piston for an internal combustion engine, having at least one at least mostly linearly displaceable sleeve (10) for forming at least one piston pin bore and at least one slider (12) that can be displaced at least mostly linearly and diagonally to the sleeve (10) for forming at least one recess under a ring zone of the piston, characterized in that the sleeve (10) and the slider (12) are at least indirectly coupled, such that the sleeve at least partially carries the slider (12) when displaced. The invention further relates to a method for opening and/or closing a casting device for a piston for an internal combustion engine, wherein at least one mostly linearly displaceable sleeve (10) at least partially carries at least one slider (12) that can be displaced mostly linearly and diagonally to the sleeve (10).

IPC 8 full level  
**B22C 9/06** (2006.01); **B22D 15/02** (2006.01); **B22D 17/22** (2006.01); **F02F 3/00** (2006.01)

CPC (source: EP KR US)  
**B22C 9/06** (2013.01 - EP KR US); **B22C 9/062** (2013.01 - EP US); **B22D 15/02** (2013.01 - EP KR US); **B22D 17/22** (2013.01 - EP KR US); **F02F 3/00** (2013.01 - KR); **F02F 3/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2012084364A1

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