

Title (en)  
DIE CASTING PLUNGER

Title (de)  
DRUCKGIESSKOLBEN

Title (fr)  
PISTON DE COULÉE SOUS PRESSION

Publication  
**EP 3388167 B1 20210721 (DE)**

Application  
**EP 18000277 A 20180320**

Priority  
DE 102017003693 A 20170415

Abstract (en)  
[origin: CA3001598A1] A die-casting piston having a receiving unit attachable to a piston rod, which includes a cooling device and a connecting device for the piston rod. A hollow cylindrical carrier body of a cup-shaped design has a melt-side end face, on whose lateral surface at least one hollow cylindrical sliding body is mountable. An end ring is disposed between the end face of the carrier body and an end face of the sliding body, which is used as a front-end first holding element for the at least one hollow cylindrical sliding body. The carrier body is axially mountable on the receiving unit, extending over the cooling device, and may be locked to the receiving unit and released again with the aid of a connecting device, the connecting device being disposed axially downstream from the sliding body on the side facing away from the end face of the carrier body, and the connecting device being a bayonet joint.

IPC 8 full level  
**B22D 17/20** (2006.01)

CPC (source: EP US)  
**B22D 17/203** (2013.01 - EP US); **B22D 17/2038** (2013.01 - EP US)

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