

Title (en)
SHOT TUBE PLUNGER TIP PORTION

Title (de)
SPITZENTEIL EINES INJEKTIONSROHRKOLBENS

Title (fr)
PARTIE DE POINTE DE PLONGEUR DE TUBE D'INJECTION

Publication
EP 2841224 A4 20160413 (EN)

Application
EP 13780915 A 20130417

Priority
• SG 2012029898 A 20120423
• US 201213565865 A 20120803
• US 2013036886 W 20130417

Abstract (en)
[origin: US2013277004A1] A die casting system according to an exemplary embodiment of this disclosure can include a shot tube plunger and a tip portion connected to the shot tube plunger. The tip portion can include an inner flange and a lip portion circumferentially disposed about the inner flange. A recess can be circumferentially disposed between the lip portion and the inner flange.

IPC 8 full level
B22D 17/04 (2006.01); **B22D 17/20** (2006.01)

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

Citation (search report)
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• [X] US 2932865 A 19600419 - FERDINAND BAUER ALFRED
• [X] GB 849374 A 19600928 - NAT LEAD CO
• [A] US 4667729 A 19870526 - ZECMAN KENNETH P [US]
• [A] WO 2011035765 A1 20110331 - KSM CASTING GMBH [DE], et al
• [A] US 2005284602 A1 20051229 - KABA TAKAHIRO [JP], et al
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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US 201213565865 A 20120803; EP 13780915 A 20130417; SG 2012029898 A 20120423; US 2013036886 W 20130417