

Title (en)
CRUSHER CLEARING SYSTEM

Title (de)
ZERKLEINERER-REINIGUNGSSYSTEM

Title (fr)
SYSTÈME DE NETTOYAGE DE BROYEUR

Publication
EP 2528484 A4 20131127 (EN)

Application
EP 11735340 A 20110125

Priority
• US 29805710 P 20100125
• US 2011022361 W 20110125

Abstract (en)
[origin: WO2011091403A1] A system 100 and method for clearing a crushing device 1 of tramp material is disclosed. The system comprises at least one dual-acting cylinder 70 which serves to both maintain a constant crushing force between a head 500 and bowl 400, and also provide a clearing stroke to facilitate passage of said tramp material. The body of the at least one dual-acting cylinder 70 is mounted securely to a main frame 300 in a self-centering, self-seating arrangement by cylinder mount 40. The piston rod 30 of the at least one dual-acting cylinder 70 is directly or indirectly mounted securely to an adjustment ring 200 in a self-centering, self-seating arrangement. The piston rod 30 comprises a first securing member 10 and a second securing member 20. A mounting portion 202 associated with the adjustment ring 200 is captured between the first 10 and second 20 securing members of the piston rod 30.

IPC 8 full level
A47J 17/00 (2006.01); **B02C 2/04** (2006.01)

CPC (source: EP)
B02C 2/04 (2013.01); **B02C 2/045** (2013.01)

Citation (search report)
• [XY] US 5870813 A 19990216 - AMBROSE DAVID W [US], et al
• [XAY] US 2791383 A 19570507 - KJELGAARD AXEL W
• [XAY] US 3754716 A 19730828 - WEBSTER R
• [YA] US 4012000 A 19770315 - DAVIS D CARTER, et al
• [A] KR 20090123184 A 20091202 - JUNG TAE HYUN [KR]
• See references of WO 2011091403A1

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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EP 2528484 A4 20131127; MX 2012008640 A 20120823; PE 20130349 A1 20130421; RU 2012136188 A 20140310; RU 2519954 C2 20140620;
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PE 2012001073 A 20110125; RU 2012136188 A 20110125; UA A201209915 A 20110125; ZA 201205588 A 20120724