

Title (en)
Inner crushing shell retaining assembly

Title (de)
Halteanordnung für inneren Brechwerkschalen

Title (fr)
Ensemble de maintien de coque interne de broyage

Publication
EP 2929940 A1 20151014 (EN)

Application
EP 14164015 A 20140409

Priority
EP 14164015 A 20140409

Abstract (en)
A retainer assembly (102) to releasably secure a mantle at a head centre of a gyratory crusher. The retainer assembly comprises a modular construction having primarily a first head nut (203) having an eccentric part to engage with an eccentric region of the mantle. A locking ring (201) is driven axially downward by rotation of the head nut to compress the mantle onto the head centre.

IPC 8 full level
B02C 2/00 (2006.01)

CPC (source: EP)
B02C 2/005 (2013.01)

Citation (applicant)
• US 7216823 B2 20070515 - DELILLE JEAN PIERRE [FR]
• EP 1581344 A1 20051005 - METSO MINERALS FRANCE SA [FR]
• WO 2013009531 A1 20130117 - METSO MINERALS IND INC [US], et al
• EP 2535110 A1 20121219 - SANDVIK INTELLECTUAL PROPERTY [SE]

Citation (search report)
• [YD] EP 2535110 A1 20121219 - SANDVIK INTELLECTUAL PROPERTY [SE]
• [Y] US 6299083 B1 20011009 - POLINSKI DONALD J [US], et al
• [A] GB 305398 A 19290207 - JOSEPH AVILA HETU
• [A] US 1410244 A 19220321 - EDWARDS FREDERICK H
• [A] JP H06170258 A 19940621 - KAWASAKI HEAVY IND LTD
• [A] US 2006113414 A1 20060601 - DELILLE JEAN-PIERRE [FR]

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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

Designated extension state (EPC)
BA ME

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