

Title (en)

Gyratory crusher outer crushing shell

Title (de)

Äußere Brechwerkschale für Kreiselbrecher

Title (fr)

Coque de broyage externe de concasseur giratoire

Publication

EP 2774680 A1 20140910 (EN)

Application

EP 14155672 A 20140219

Priority

- EP 2013054680 W 20130308
- EP 14155672 A 20140219

Abstract (en)

A gyratory crusher outer crushing shell (106). The outer shell comprises three regions along its axial length including: an inlet region (121) that tapers radially inward from an uppermost first end (124); a crushing region (123) that extends radially inward from a second lowermost end (125) and; a radially innermost shoulder region (122) that is positioned axially between the inlet and crushing regions. An angle of inclination (a,b) of a radially inward facing surface at the inlet and shoulder regions and the axial length (C) of the crushing surface are designed to optimise crushing capacity in addition to maximising reduction.

IPC 8 full level

B02C 2/00 (2006.01); **B02C 2/02** (2006.01)

CPC (source: EP)

B02C 2/005 (2013.01); **B02C 2/02** (2013.01); **B02C 2/04** (2013.01); **B02C 2/06** (2013.01)

Citation (applicant)

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Citation (search report)

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Designated contracting state (EPC)

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