

Title (en)

A HORIZONTAL SHAFT IMPACT CRUSHER

Title (de)

PRALLBRECHER MIT HORIZONTALER WELLE

Title (fr)

CONCASSEUR À PERCUSSION À ARBRE HORIZONTAL

Publication

EP 4344781 A1 20240403 (EN)

Application

EP 22199079 A 20220930

Priority

EP 22199079 A 20220930

Abstract (en)

A horizontal shaft impact crusher (10) comprising a crusher housing (15) having a curtain (70,80) with an upper end (71,81) and a toe end (72,82) against which material accelerated by an impeller (50) may be crushed, the curtain (70,80) being pivotably mounted at the upper end (71,81) on a pivot shaft (90,100) between first and second pivot points (110,130,120,140) and an adjustment system (20) for adjusting the position of the pivot points (110,120,130,140) between a first crushing setting and a second crushing setting in which the adjustment system (20) comprises a rotatable pivot shaft support plate (150,155) on the pivot shaft (90,100) for supporting the pivot shaft (90,100) and defining the first pivot point (110,130) and a drive (160) for effecting rotation of the pivot shaft support plate (150,155) to adjust the position of the first pivot point (110,130) between the first and second crushing settings.

IPC 8 full level

B02C 13/09 (2006.01)

CPC (source: EP)

B02C 13/095 (2013.01)

Citation (search report)

- [A] EP 0513479 A1 19921119 - ORENSTEIN & KOPPEL AG [DE]
- [A] DE 8813467 U1 19890202
- [A] EP 0496721 A1 19920729 - SCHROEDL HERMANN [AT]
- [A] DE 1166593 B 19640326 - HAZEMAG HARTZERKLEINERUNG

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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