

Title (en)

Anvil for centrifugal impact crushers and circular anvil wall provided with such anvils

Title (de)

Prallkörper für Schleudermühlen und ringförmige Prallwand ausgerüstet mit diesen Prallkörpern

Title (fr)

Enclume pour concasseur à impact centrifuge et cercle d'enclumes équipé de telles enclumes

Publication

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Application

EP 97200301 A 19970204

Priority

BE 9600168 A 19960227

Abstract (en)

The anvil is in the shape of a prism with flat upper and lower surfaces (22,24), a curved surface (16) forming part of a circle, two lateral surfaces (18,20) which come to a point, and two other lateral surfaces (26,28) adjacent to the curved surface. The two lateral surfaces adjacent to the curved surface are inclined at an angle between 3 degrees and 15 degrees to the median plane of the anvil and converge towards the upper or lower flat surface. One end of the anvil has projecting studs (26) to engage with holes in a ring, and the anvils are fitted into the ring with their inclined surfaces facing alternately in opposite directions.

Abstract (fr)

L'enclume (10) possède globalement la forme d'un prisme avec une surface latérale courbe (16) et deux surfaces latérales (18) (20) qui ont des flancs (26) (28) adjacents à la surface courbe (16) et orientés sur l'axe de courbure de cette surface (16). Ces flancs (26) (28) sont en outre inclinés par rapport à un plan médian de l'enclume (10) passant par l'axe de courbure de la surface (16). Ces enclumes (10) sont disposées alternativement dans un sens et dans l'autre dans un anneau porte-enclumes où elles sont retenues par effet de voûte pour former un cercle d'enclumes. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [AD] US 5184784 A 19930209 - ROSE NEIL M [US], et al
- [A] GB 2131722 A 19840627 - KUBOTA LTD
- [A] US 3088685 A 19630507 - BRIDGEWATER THOMAS E

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