

Title (en)

IMPACT MILL FOR CRUSHING ROCK OR THE LIKE

Publication

EP 0265580 B1 19910424 (DE)

Application

EP 87102358 A 19870219

Priority

AT 288286 A 19861030

Abstract (en)

[origin: EP0265580A2] For crushing rock or the like, use is made of an impact mill which contains in an approximately annular housing a rotor (2) having an axial entry orifice. The rotor (2) has a baseplate with a central impact plate (7), a cover plate with a central recess and, between the baseplate and cover plate, blades (11) which form ejection orifices (16) and which are each equipped with a pocket (17) for receiving crushed material. The ejection side of each pocket (17) is equipped with an exchangeable wearing part which is fastened to the blade (11) and which is composed of a carrier body (12) and of a carbide strip (13). The inner face of the pocket (17) on the ejection side is formed by a face (20) of the carbide strip (13) and extends approximately perpendicularly relative to a contact plane (B) of the edges of the pocket (17). The carbide strip (13) has a wearing face (21) in the form of an arc of a circle and projects with the outer edge beyond the rotor circumference. The inner face of the carrier body (12) and the inner face (20) of the carbide strip (13) form an angle of 95 DEG to 110 DEG and extend symmetrically relative to a radius of the rotor (2). <IMAGE>

IPC 1-7

B02C 13/18; B02C 19/00

IPC 8 full level

B02C 13/18 (2006.01)

CPC (source: EP)

B02C 13/1842 (2013.01)

Cited by

EP1268072A4; CN103949305A; EP0388825A3; US5866006A; US5935442A; EP0835690A1; WO9511086A1

Designated contracting state (EPC)

AT CH DE FR IT LI

DOCDB simple family (publication)

EP 0265580 A2 19880504; EP 0265580 A3 19890125; EP 0265580 B1 19910424; AT 390568 B 19900525; AT A288286 A 19891115; AT E62831 T1 19910515; AU 593401 B2 19900208; AU 8052787 A 19880505; DE 3769584 D1 19910529; DE 8630185 U1 19870108; GB 2198060 A 19880608; GB 2198060 B 19910626; GB 8724831 D0 19871125; HU 198860 B 19891228; HU T48131 A 19890529

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EP 87102358 A 19870219; AT 288286 A 19861030; AT 87102358 T 19870219; AU 8052787 A 19871030; DE 3769584 T 19870219; DE 8630185 U 19861111; GB 8724831 A 19871023; HU 487787 A 19871029; HU 487787 Q 19871029