

Title (en)
CRUSHING MACHINE HOUSING

Title (de)
GEHÄUSE FÜR EINE ZERKLEINERUNGSMASCHINE

Title (fr)
CARTER POUR MACHINE A BROYER

Publication
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Application
EP 98924038 A 19980324

Priority
• DE 9800863 W 19980324
• DE 19712587 A 19970326

Abstract (en)
[origin: WO9842443A1] The invention relates to a housing for a crushing machine, comprising active abrading tools, i.e. a hammer, joined to a rotor which is accommodated in said housing, in addition to an anvil included in the housing as a counter tool, and inactive abrading members which are both secured to the rotor and lodged inside the housing. The invention also comprises an orifice for introducing the material that is to be crushed and at least one grid as an inactive abrading member, an ejection door for removing heavy pieces in addition to an impact wall segment lying opposite to said door as an inactive abrading member, and horizontally assembled housing components arranged on at least one plane, one of which can be pivoted outwards around at least one rotational point. At least parts of the abrading members (17, 18.1, 18.2, 19) are secured to the housing (1) by means of screws (31) on the respective abrading member (17, 18.1, 18.2, 19), and form distinct abrading areas in the crushing process in such a way that abrading members (18.1, 19) with increased wear resistant properties when compared to the other abrading members (18.2, 17) are arranged around the rotor (32) on the sidewalls (7, 11) of the housing (1). All of said features result in harmonious abrading qualities of both the housing (1) and the rotor (32) with regard to design, shaping, material composition and/or reciprocal allocation, thereby enabling approximately uniform maintenance intervals to be obtained.

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Cited by
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