

Title (en)
STATOR FOR AN IMPACT CRUSHER

Title (de)
STATOR EINER PRALLMÜHLE

Title (fr)
STATOR DE BROYEUR A PERCUSSION

Publication
EP 1960109 B1 20180411 (DE)

Application
EP 06817727 A 20061130

Priority
• CH 2006000675 W 20061130
• CH 19602005 A 20051209

Abstract (en)
[origin: WO2007065283A1] The aim of the invention is to propose a reliable, inexpensive option for the plates (10) that function as wear parts and are mounted on the inner face (3) of the casing wall of a stator (1). To achieve this aim, the plates are designed as cast parts and are fixed to the inner face (3) of the casing wall from the exterior (2) of the stator (1). The plates are fixed by means of fixing bolts (20), which are screwed into the plates (10) through the casing wall (2) from the exterior. The plates (10) have transverse threaded bores (18) that correspond to the bolts. Respective spacer rings (24) are pushed onto the fixing bolts (20) and the latter (20) are secured by wedge-shaped cotters (25) in both a positive and non-positive fit, the wedge-shaped cotter (25) pressing on the spacer rings (24) that lie against the outer face (4) of the casing wall (2). The inventive option is extremely economical and improves the operational safety in comparison to known options.

IPC 8 full level
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CPC (source: EP US)
B02C 13/282 (2013.01 - EP US); **B02C 2013/145** (2013.01 - EP US); **Y10S 241/30** (2013.01 - EP US)

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DOCDB simple family (publication)
WO 2007065283 A1 20070614; CA 2632017 A1 20070614; CA 2632017 C 20140225; EP 1960109 A1 20080827; EP 1960109 B1 20180411; US 2009166457 A1 20090702; US 7744028 B2 20100629

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