

Title (en)  
SPHERE-PRODUCING / COMMINUTION MACHINE

Title (de)  
VERKUGELUNGS- / ZERKLEINERUNGSMASCHINE

Title (fr)  
MACHINE DE BOULETAGE/CONCASSAGE

Publication  
**EP 2358474 B1 20150304 (DE)**

Application  
**EP 09775885 A 20090606**

Priority  
• DE 2009000799 W 20090606  
• DE 102008034724 A 20080725

Abstract (en)  
[origin: CA2701206A1] The invention relates to a machine which can be used for producing spheres from scrap metal and, after a changeover, for comminuting such scrap. Such machines, which by a simple changeover can perform the function of one or the other machine type, are not known. Admittedly, comminution machines for cleaning and maintenance purposes frequently are equipped with a two-part machine frame, the one part of which is permanently connected to the foundation and the other part of which is connected to the first by hinges and a closure device and be pivoted away from the first machine part. It is the object of the invention to refine such a machine such that a replacement of worn components is facilitated and a changeover from one intended purpose to another can be easily performed in a time-saving manner. For this purpose, according to the invention the entire rotor block, including the rotor bearing blocks and punch, is mounted on a pivoting arm, which can be folded out of the machine frame such that the interior of the machine is freely accessible.

IPC 8 full level  
**B02C 13/16** (2006.01); **B02C 13/282** (2006.01)

CPC (source: EP US)  
**B02C 13/16** (2013.01 - EP US); **B02C 13/282** (2013.01 - EP US)

Designated contracting state (EPC)  
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 SE SI SK TR

DOCDB simple family (publication)  
**DE 102008034724 A1 20100128**; CA 2701206 A1 20100204; CA 2701206 C 20160126; DE 112009002409 A5 20110714;  
DK 2358474 T3 20150601; EP 2358474 A1 20110824; EP 2358474 B1 20150304; US 2011101141 A1 20110505; US 8201762 B2 20120619;  
WO 2010012251 A1 20100204

DOCDB simple family (application)  
**DE 102008034724 A 20080725**; CA 2701206 A 20090606; DE 112009002409 T 20090606; DE 2009000799 W 20090606;  
DK 09775885 T 20090606; EP 09775885 A 20090606; US 201113004729 A 20110111