

Title (en)  
Crusher

Title (de)  
Zerkleinerer

Title (fr)  
Broyeur

Publication  
**EP 3061581 A1 20160831 (EN)**

Application  
**EP 15156381 A 20150224**

Priority  
EP 15156381 A 20150224

Abstract (en)  
A crushing work vehicle (A) consists of a self-propelled vehicle and the crusher (T). The crusher (T) has a base frame (1) and is provided with a feeder (2) with a biting unit (25) located posterosuperior to the same. A casing (5) is installed to the front side of the feeder (2), in which the rotator (3) is held. The casing (5) is equipped with a lower casing (52) and an upper casing (51) having a polyhedral shape respectively and installed between side plates. The lower casing (52) is provided with a discharge plate (522) having many discharge hole (523). The rotator (3) has a rotating shaft (30), to which disks (31, 32, 33) are arranged at predetermined spaced intervals. Cutters (36) are arranged at two points in the circumference between the disks (31, 32, 33), with crushing blades (37) at four points.

IPC 8 full level  
**B02C 18/14** (2006.01); **B02C 18/18** (2006.01); **B02C 21/02** (2006.01); **B27L 11/00** (2006.01)

CPC (source: EP)  
**B02C 18/14** (2013.01); **B02C 18/145** (2013.01); **B02C 18/146** (2013.01); **B02C 18/2216** (2013.01); **B02C 18/2291** (2013.01); **B02C 21/026** (2013.01); **B27L 11/00** (2013.01); **B27L 11/002** (2013.01)

Citation (search report)  
• [X] DE 202009001065 U1 20090409 - BOELLE PETER [DE]  
• [X] US 5362004 A 19941108 - BATEMAN IVOR [US]  
• [A] DE 2333538 A1 19740404 - SODERHAMN MACHINE MFG CO  
• [A] WO 2013013233 A1 20130124 - MOREY MICHAEL BOYD [US]  
• [A] US 5005620 A 19910409 - MOREY NORVAL [US]

Cited by  
CN108787092A; CN108329967A; CN108214794A; CN114902862A; CN117985797A; CN106576613A; JP2020131104A; WO2019168488A3

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3061581 A1 20160831; EP 3061581 B1 20190828**

DOCDB simple family (application)  
**EP 15156381 A 20150224**