

Title (en)
Comminuting apparatus having reduced number of bearings

Title (de)
Zerkleinerungsvorrichtung mit reduzierter Lagerzahl

Title (fr)
Dispositif de broyage avec moins de roulements

Publication
EP 1803501 B1 20120201 (DE)

Application
EP 06024975 A 20061202

Priority
DE 102005062963 A 20051228

Abstract (en)
[origin: EP1803501A1] A high-pole rotary current synchronous motor (100) links directly to a crushing shaft (20) with shaft bearing devices (25,26;28,29). Over its working area on its periphery, the crushing shaft operates as a motorized shaft and has crushing tools (21) that work together with a counter device (22) for crushing material to be processed.

IPC 8 full level
B02C 18/24 (2006.01)

CPC (source: EP US)
B02C 18/24 (2013.01 - EP US)

Cited by
EP2204895A1; CN106079544A; CN105856615A; CN104093489A; AU2012364317B2; CN107051690A; US11298705B2; US9937500B2; WO2018153541A1; WO2013102695A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1803501 A1 20070704; EP 1803501 B1 20120201; AT E543568 T1 20120215; CA 2571705 A1 20070628; CA 2571705 C 20090623; DE 102005062963 A1 20070712; ES 2381562 T3 20120529; JP 2007175702 A 20070712; JP 5403866 B2 20140129; US 2007164139 A1 20070719; US 7757983 B2 20100720

DOCDB simple family (application)
EP 06024975 A 20061202; AT 06024975 T 20061202; CA 2571705 A 20061219; DE 102005062963 A 20051228; ES 06024975 T 20061202; JP 2006350755 A 20061227; US 61695706 A 20061228