

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

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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