

Title (en)
ROLLER PRESS, PARTICULARLY FOR INTERPARTICLE COMMINATION

Title (de)
ROLLENPRESSE INSBESONDERE ZUR GUTBETTZERKLEINERUNG

Title (fr)
PRESSE À ROULEAUX, EN PARTICULIER POUR LA FRAGMENTATION D'UN LIT DE MATÉRIAU

Publication
EP 2043787 A1 20090408 (DE)

Application
EP 07765201 A 20070713

Priority
• EP 2007006259 W 20070713
• DE 102006032362 A 20060713

Abstract (en)
[origin: CA2657067A1] The invention relates to a roller press, particularly for interparticle comminution, having two rollers (10, 11) separated from one another by a roll nip (12), and using hydraulic cylinders for pressing the one roller over the material located in the roll nip against the opposite roller, thus reducing the surface stress of the rollers and increasing the service life. Furthermore, the invention relates to the configuration of both rollers (10, 11) as idle rollers that are displaceable transversely to the roll nip (12), the bearing housings (13, 14) of the idle rollers being supported by hydraulic cylinders (15, 16) at side pieces (17, 18) of the machine frame, the hydraulic cylinders being provided to supply the roller pressing force.

IPC 8 full level
B02C 4/02 (2006.01); **B02C 4/32** (2006.01)

CPC (source: EP US)
B02C 4/02 (2013.01 - EP US); **B02C 4/32** (2013.01 - EP US)

Citation (search report)
See references of WO 2008006615A1

Cited by
DE102014104038A1; DE102014104038B4

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006032362 A1 20080117; AT E531455 T1 20111115; AU 2007271908 A1 20080117; AU 2007271908 B2 20101202;
BR PI0714205 A2 20121225; CA 2657067 A1 20080117; CA 2657067 C 20150127; CN 101489682 A 20090722; DK 2043787 T3 20120227;
EA 200900013 A1 20090428; EP 2043787 A1 20090408; EP 2043787 B1 20111102; MX 2009000025 A 20090123;
US 2010127110 A1 20100527; US 2012067989 A1 20120322; US 8820668 B2 20140902; WO 2008006615 A1 20080117

DOCDB simple family (application)
DE 102006032362 A 20060713; AT 07765201 T 20070713; AU 2007271908 A 20070713; BR PI0714205 A 20070713;
CA 2657067 A 20070713; CN 200780026407 A 20070713; DK 07765201 T 20070713; EA 200900013 A 20070713; EP 07765201 A 20070713;
EP 2007006259 W 20070713; MX 2009000025 A 20070713; US 201113305016 A 20111128; US 37336407 A 20070713