

Title (en)  
MULTIROLLER CRUSHER

Title (de)  
MEHRWALZENBRECHER

Title (fr)  
BROYEUR À PLUSIEURS CYLINDRES

Publication  
**EP 1984115 A2 20081029 (DE)**

Application  
**EP 07700215 A 20070111**

Priority  
• EP 2007000188 W 20070111  
• DE 102006005017 A 20060203

Abstract (en)  
[origin: US7997516B2] A multiple roll crusher is provided for crushing of mineral material, more particularly of coal or oil sand. The multiple roll crusher includes at least three crusher rolls (1, 2, 5 1', 2'), the rotation axes (R) of which lie in parallel to each other and horizontal or roughly horizontal. All directly neighboring crusher rolls (1, 2, 1', 2') have opposite directions of rotation. A connecting line (V) of the rotation axes (R) has at least one kink.

IPC 8 full level  
**B02C 4/02** (2006.01); **B02C 4/28** (2006.01)

CPC (source: EP US)  
**B02C 4/02** (2013.01 - EP US); **B02C 4/28** (2013.01 - EP US)

Cited by  
WO2012092951A1; DE102011000018A1; WO2012092952A1; DE102011000019A1

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)  
**WO 2007090495 A2 20070816; WO 2007090495 A3 20071213**; AT E487540 T1 20101115; AU 2007214087 A1 20070816; AU 2007214087 B2 20110602; CN 101370590 A 20090218; CN 101370590 B 20110413; DE 102006005017 B3 20071018; DE 502007005611 D1 20101223; EP 1984115 A2 20081029; EP 1984115 B1 20101110; ES 2354736 T3 20110317; US 2009020637 A1 20090122; US 7997516 B2 20110816

DOCDB simple family (application)  
**EP 2007000188 W 20070111**; AT 07700215 T 20070111; AU 2007214087 A 20070111; CN 200780002390 A 20070111; DE 102006005017 A 20060203; DE 502007005611 T 20070111; EP 07700215 A 20070111; ES 07700215 T 20070111; US 16281307 A 20070111