

Title (en)  
SLAG CRUSHER

Title (de)  
SCHLACKENBRECHER

Title (fr)  
BROYEUR DE SCORIES

Publication  
**EP 1036140 B1 20020102 (DE)**

Application  
**EP 98964443 A 19981126**

Priority  
• DE 19752538 A 19971127  
• EP 9807619 W 19981126

Abstract (en)  
[origin: US7322538B1] Slag crusher having a shaft extending through a pressure housing which shaft is provided with inlet baffle plates in a funnel-shaped arrangement, stationary cutting knives and cutting knives rotating on the shaft. The shaft is offset with respect to the vertical center line of the pressure housing, so that the crushing area is concentrated in the middle of the slag crusher. The rotating cutting knives are angularly offset on the periphery of the shaft, so that only one rotating knife and two stationary knives are in engagement at a time.

IPC 1-7  
**C10J 3/52**; **F23J 1/06**; **B02C 18/14**

IPC 8 full level  
**B02C 18/14** (2006.01); **B02C 18/18** (2006.01); **C10J 3/52** (2006.01); **F23J 1/00** (2006.01); **F23J 1/06** (2006.01)

CPC (source: EP KR US)  
**B02C 18/14** (2013.01 - EP KR US); **C10J 3/52** (2013.01 - EP KR US); **F23J 1/00** (2013.01 - EP US); **F23J 1/06** (2013.01 - EP KR US); **C10J 2300/1628** (2013.01 - EP KR US); **F23J 2900/01003** (2013.01 - EP KR US)

Cited by  
CN106513132A

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 7322538 B1 20080129**; AT E211501 T1 20020115; AU 1964399 A 19990616; AU 741112 B2 20011122; CA 2311776 A1 19990610; CA 2311776 C 20090407; CN 1139650 C 20040225; CN 1279706 A 20010110; CZ 20001964 A3 20010117; CZ 291824 B6 20030618; DE 19752538 C1 19990114; DE 59802815 D1 20020228; DK 1036140 T3 20020402; EP 1036140 A1 20000920; EP 1036140 B1 20020102; ES 2171055 T3 20020816; JP 2001525239 A 20011211; JP 4273240 B2 20090603; KR 100587459 B1 20060609; KR 20010032444 A 20010425; PL 189692 B1 20050930; PL 340622 A1 20010212; PT 1036140 E 20020628; WO 9928413 A1 19990610

DOCDB simple family (application)  
**US 55478198 A 19981126**; AT 98964443 T 19981126; AU 1964399 A 19981126; CA 2311776 A 19981126; CN 98811546 A 19981126; CZ 20001964 A 19981126; DE 19752538 A 19971127; DE 59802815 T 19981126; DK 98964443 T 19981126; EP 9807619 W 19981126; EP 98964443 A 19981126; ES 98964443 T 19981126; JP 2000523295 A 19981126; KR 20007005685 A 20000525; PL 34062298 A 19981126; PT 98964443 T 19981126