

Title (en)  
IMPACT CRUSHER

Title (de)  
PRALLBRECHER

Title (fr)  
CONCASSEUR A IMPACT

Publication  
**EP 0702598 B1 19970219 (DE)**

Application  
**EP 94920436 A 19940608**

Priority  
• DE 4319702 A 19930610  
• EP 9401867 W 19940608

Abstract (en)  
[origin: WO9429027A1] An impact crusher has a disk-shaped rotor rotatably mounted on a vertical axis and a housing that surrounds this rotor with a wall (2) that forms an impact surface. This wall is designed as a truncated cone and, together with the outer side (12) of an insert (11) enclosed within said wall, forms an annular gap (14) through which the material to be crushed passes on a zig-zag course, without significant collisions between portions of the material to be crushed.

IPC 1-7  
**B02C 19/00**; **B02C 13/18**

IPC 8 full level  
**B02C 13/18** (2006.01); **B02C 19/00** (2006.01)

CPC (source: EP)  
**B02C 13/1814** (2013.01); **B02C 2013/1857** (2013.01); **B02C 2013/1871** (2013.01)

Cited by  
DE102016002650B4; DE102016002650A1; CN107249747A; AU2007252278B2; EP2021763A4; EP0835690A1; US8272247B2; US11278907B2

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**WO 9429027 A1 19941222**; AT E149000 T1 19970315; AU 7123094 A 19950103; DE 4319702 A1 19941215; DE 4319702 C2 19950614; DE 59401835 D1 19970327; EP 0702598 A1 19960327; EP 0702598 B1 19970219

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**EP 9401867 W 19940608**; AT 94920436 T 19940608; AU 7123094 A 19940608; DE 4319702 A 19930610; DE 59401835 T 19940608; EP 94920436 A 19940608