

Publication

EP 0551143 A3 19940413

Application

EP 93101558 A 19890524

Priority

- DE 8807794 U 19880615
- EP 89109377 A 19890524

Abstract (en)

[origin: US4984747A] A chopping- and slicing machine for the crushing of bulky, hard or soft materials whereby these might also be dirtied by soil and stones. The machine has a system of blades that has sharp cutting blades in one direction of course and blunt cutting blades in the other direction of course.

IPC 1-7

B02C 18/22; B02C 18/12

IPC 8 full level

B02C 18/12 (2006.01); **B02C 18/22** (2006.01)

CPC (source: EP US)

B02C 18/12 (2013.01 - EP US); **B02C 18/2291** (2013.01 - EP US); **B02C 2201/066** (2013.01 - EP US)

Citation (search report)

[A] EP 0253232 A2 19880120 - KOBER KG A [DE]

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0346661 A2 19891220; EP 0346661 A3 19910626; EP 0346661 B1 19941214; AT E115438 T1 19941215; AT E142537 T1 19960915; DE 58908761 D1 19950126; DE 58909731 D1 19961017; DE 8807794 U1 19891019; DK 170591 B1 19951106; DK 291889 A 19891216; DK 291889 D0 19890614; EP 0551143 A2 19930714; EP 0551143 A3 19940413; EP 0551143 B1 19960911; ES 2065938 T3 19950301; US 4984747 A 19910115

DOCDB simple family (application)

EP 89109377 A 19890524; AT 89109377 T 19890524; AT 93101558 T 19890524; DE 58908761 T 19890524; DE 58909731 T 19890524; DE 8807794 U 19880615; DK 291889 A 19890614; EP 93101558 A 19890524; ES 89109377 T 19890524; US 36367789 A 19890609