

Title (en)
Continuous crusher.

Title (de)
Durchlaufbrecher.

Title (fr)
Concasseur continu.

Publication
EP 0403694 B1 19940706 (DE)

Application
EP 89120969 A 19891111

Priority
DE 3920305 A 19890621

Abstract (en)
[origin: EP0403694A2] In a continuous crusher in which an impact crushing roller, which circulates in the conveying direction, rotates at high speed over a conveying channel section constructed as a crusher counter-bearing, which impact crushing roller has, on a shaft mounted on both sides, a roller connected fixed in terms of rotation at its ends to the shaft, said roller being formed from alternate circular plates and congruent discs which are connected to one another, cover the same area and are equipped with holders for impact crushing tools and are arranged in such a way that adjacent discs are arranged offset with respect to one another by half the arc of the distance between their crushing tools, it is provided according to the invention that the discs have a polygonal edge on which a multiplicity of impact crushing tools are arranged in a star shape and a side of a polygon is assigned in each case to an impact crushing tool, the holders being attached on the sides of the polygon, and that the edges of the plates are arranged between the discs outside the polygon circumscribed by the polygon branches. <IMAGE>

IPC 1-7
B02C 4/30

IPC 8 full level
B02C 4/30 (2006.01)

CPC (source: EP)
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Cited by
US5984213A; US5797550A; WO9858739A1; WO9527563A1

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EP 0403694 A2 19901227; EP 0403694 A3 19910619; EP 0403694 B1 19940706; AT E108094 T1 19940715; DE 3920305 A1 19910103; DE 58908015 D1 19940811; ES 2056178 T3 19941001

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