

Title (en)
Stone crusher.

Title (de)
Steinmühle.

Title (fr)
Broyeur de pierres.

Publication
EP 0160606 A2 19851106 (FR)

Application
EP 85400792 A 19850423

Priority
FR 8406626 A 19840425

Abstract (en)
1. Method for the gradual fragmentation of stones by way of a movable breaker comprising a rotor (9) which is height adjustable relative to a frame (1) equipped with hammers (10) which are fixed rigidly and regularly to the rotor periphery and distributed in a plurality of parallel and regularly spaced rows according to a staggered arrangement and, during rotation of the said rotor (9), brush against an anvil (17) attached to the frame (1) parallel to the rotor (9), characterised in that the method consists of the stones being pushed by the rotor (9) during the movement thereof, of restraining the said stones, and of the stones remaining under the frame (1) against the rotor (9) upstream of the anvil (17) until sufficient fragmentation is achieved by a nibbling action to allow the stones to be thrown rearwardly by passing between the hammers (10) and carried along by the successive rows of hammers.

Abstract (fr)
L'invention concerne un broyeur destiné à fragmenter les pierres de dimensions trop importantes. Il est constitué d'un châssis (1) supportant un caisson (4) à l'intérieur duquel est monté, réglable en hauteur, un rotor (9), à la périphérie duquel sont fixées rigidement plusieurs rangées de marteaux (10) dont l'extrémité vient frôler une enclume (17) disposée en travers du châssis (1) parallèlement au rotor (9) et en avant de celui-ci.

IPC 1-7
B02C 21/02; **B02C 13/06**

IPC 8 full level
B02C 13/06 (2006.01); **B02C 21/02** (2006.01)

CPC (source: EP)
B02C 13/06 (2013.01); **B02C 21/02** (2013.01); **B02C 2021/023** (2013.01)

Cited by
FR2780237A1; FR2791410A1; US5695255A; FR2662899A1; US6955312B2

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