

Title (en)

Apparatus and method for fragmenting frangible objects.

Title (de)

Apparat und Verfahren zur Zerkleinerung von zerbrechlichen Gegenständen.

Title (fr)

Appareil et procédé de fragmentation d'objets fragiles.

Publication

EP 0106642 A2 19840425 (EN)

Application

EP 83306087 A 19831007

Priority

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Abstract (en)

Apparatus for fragmenting brittle or other breakable objects, such as scrap metal castings or rock, includes a pivoted first crushing member (20, 50) and a fixed second crushing member (14, 54). The first member has a plurality of crushing regions (23, 24, 27) located at various distances from the pivot axis (26), which is offset, so that each successive crushing region approaches the second member closer than the preceding crushing region. The object is fragmented by a combination of compression and shear forces. Projections (27) may be provided to localise the forces, and loose members such as chains (56) may be utilised to dislodge adherent fragments from within the apparatus.

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