

Title (en)

PROCESS AND APPARATUS FOR WET ATTRITION

Publication

**EP 0011559 B1 19841219 (FR)**

Application

**EP 79400847 A 19791112**

Priority

FR 7832217 A 19781115

Abstract (en)

[origin: CA1151624A] This invention provides a process and apparatus for the wet attrition of ore. The process comprises grinding the ore to a pulp having a particle size distribution such that about 80 % by weight of the particles have a diameter of from about 30 to about 0.4 mm ; and agitating the pulp in a slightly turbulent medium. The apparatus comprises a vat having top and bottom covers with central openings and a gutter disposed along the exterior circumference of the top of the vat ; a cylindrical shaft extending through the opening in the top cover ; and a pair of impellers mounted at a distance apart on the shaft, the blades of the impellers being so arranged that the pulp is pumped towards the space defined between the two impellers.

IPC 1-7

**C22B 1/00**; **B03B 7/00**; **B01F 7/18**

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CPC (source: EP US)

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