

Title (en)
APPARATUS FOR PROCESSING PARTICULATES

Publication
EP 0242473 A3 19880525 (EN)

Application
EP 86307053 A 19860912

Priority
US 85513086 A 19860423

Abstract (en)
[origin: EP0242473A2] An apparatus for processing particulates comprises a vibratory bed including a motor (20) with a vertically disposed shaft (22), at least one eccentric weight (26) disposed on the shaft, a housing (32) secured to and enclosing the motor. A bed plate (40) is secured atop the housing whereby operation of the motor (20) imparts vibrational gyratory motion to the housing and the bed plate. When vibrational gyratory motion of the bed plate has an acceleration in excess of gravity, the bed plate (40) will impact a vessel (60) on the bed plate at multiple frequencies for each revolution of the shaft. The impacts at the multiple frequencies will fluidize the particulates so that they can flow into cavities and crevices in a pattern or the like.

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B22C 15/10; **B22C 9/04**

IPC 8 full level
B01J 8/16 (2006.01); **B22C 9/04** (2006.01); **B22C 15/10** (2006.01)

CPC (source: EP)
B22C 9/046 (2013.01); **B22C 15/10** (2013.01)

Citation (search report)
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