

Title (en)

Plant for separating by screening a fraction of small grain size from crushed material

Title (de)

Anlage zur Absiebung einer Fraktion kleiner Korngrößen aus einem zerkleinerten Gut

Title (fr)

Installation pour séparer par tamisage une fraction à granulométrie fine, d'une matière broyée

Publication

EP 0801995 B1 19990609 (DE)

Application

EP 96105762 A 19960412

Priority

EP 96105762 A 19960412

Abstract (en)

[origin: EP0801995A1] The device has a driven screening drum (10) and a lower discharge housing for the separated material. A nozzle jet (34), which is connected to a pressurised gas source, is located on the lower upward-moving section of the drum. The nozzle directs a gas jet into the drum, upwards and at an angle against the opposite drum section. The screening drum contains a deflection plate (42). This is located in the circumferential area between nozzle the jet and the crest of the drum. The pressurised gas source consists of the exhaust gases from the Diesel engine of a current generator, which supplies the energy for the breaker and the screening drum.

IPC 1-7

B07B 1/22; **B07B 1/55**; **B07B 4/08**

IPC 8 full level

B07B 1/22 (2006.01); **B07B 1/55** (2006.01); **B07B 4/08** (2006.01)

CPC (source: EP)

B07B 1/22 (2013.01); **B07B 1/55** (2013.01); **B07B 4/08** (2013.01)

Cited by

CN114011530A; CN115283255A; CN115175767A; CN115121326A; CN101947481A; CN116371726A; WO2004048006A1; WO2021226643A1

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