Title (en)

Device for separating a mixture of materials, particularly building rubble

Title (de)

Vorrichtung zum Trennen einer Materialmischung, insbesondere einer Bauschuttmischung

Title (fr)

Dispositif pour séparer un mélange de matériaux notamment des gravats

Publication

EP 0848997 A3 20000308 (DE)

Application

EP 97121222 A 19971203

Priority

DE 19653328 A 19961220

Abstract (en)

[origin: EP0848997A2] The separator includes a fluid supply device (4) provided in the transition area between a mixture supply device (1,2,3) and the separator. The heavy material parts (Y) of the mixture fall past the fluid supply device into the first part of the separator and an upwardly inclined fluid stream (X) is produced which carries away the lighter ingredients (Z) and other small-particled material such as sand washed out of the heavy ingredients towards the second part of the separating device. The fluid supply device comprises a series of pipes (5) which are shaped rectangular on an outlet side and are connected together directly to form a right angle so that a homogeneous fluid outlet surface is produced. The fluid supply device can be adjusted in angle and height.

IPC 1-7

B03B 5/62

IPC 8 full level

B03B 5/62 (2006.01)

CPC (source: EP)

B03B 5/623 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (application)

EP 97121222 A 19971203; DE 19653328 A 19961220