

Title (en)

Method and apparatus for blending solids or the like.

Title (de)

Verfahren und Apparat zum Mischen von Festkörpern oder ähnlichen.

Title (fr)

Procédé et appareil pour mélanger des particules solides ou similaires.

Publication

**EP 0530556 A1 19930310 (EN)**

Application

**EP 92113777 A 19920812**

Priority

US 74462391 A 19910812

Abstract (en)

Particulate materials are blended in a vessel (10) provided with a single vertically extending mixing tube (26) therein. The vessel comprises a downwardly converging frustoconically-shaped bottom wall (16) which defines the lower region of the vessel. The mixing tube is provided with one or more longitudinally extending divider plate (36) which divide the mixing tube into a plurality of longitudinally extending compartments. The mixing tube is provided with a plurality of openings (44) which provide direct fluid flow communication with the interior of the vessel and the longitudinally extending compartments. The lower ends of the mixing tube and the compartments therein extend through the bottom wall of the vessel. Methods of blending solids using the described apparatus and methods of constructing the described apparatus are also disclosed. <IMAGE>

IPC 1-7

**B01F 5/24**

IPC 8 full level

**B01F 3/18** (2006.01); **B01F 5/24** (2006.01)

CPC (source: EP)

**B01F 25/8211** (2022.01)

Citation (search report)

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Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

**EP 0530556 A1 19930310**; CA 2075763 A1 19930213; JP H05285358 A 19931102

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