

Title (en)
BLENDING PARTICULATE MATERIALS.

Title (de)
TEILCHENMATERIALMISCHUNG.

Title (fr)
MELANGE DE MATERIAUX PARTICULAIRES.

Publication
EP 0297099 A1 19890104 (EN)

Application
EP 87901545 A 19870220

Priority
GB 8604811 A 19860227

Abstract (en)
[origin: WO8705255A1] A blending device (10) for particulate materials comprises a conveying means (12) in the form of an elongate member (18) disposed helically about a rotating axis (19) of the conveying means, the cross-section of the elongate member (18) being of arcuate form at least on the side thereof facing the conveying direction (24) of the conveying means, the conveying means being located in a casing (23) conforming to the envelope shape of the helically formed elongate member over a lower portion thereof. Stirring members (25) can be attached between turns of the member (18). Desirably each metering means (26) also comprises a helically formed elongate member rotating in a casing.

Abstract (fr)
Un dispositif de mélange (10) pour des matériaux particuliers comprend un organe transporteur (12) ayant la forme d'un élément allongé (18) disposé en spirale autour d'un axe de rotation (19) de l'organe transporteur, la section transversale de l'élément allongé (18) ayant une forme arquée au moins sur son côté qui fait face à la direction de transport (24) de l'organe transporteur. Celui-ci est placé dans un logement (23), qui épouse la forme en enveloppe de l'élément allongé en spirale sur sa partie inférieure. Des agitateurs (25) peuvent être fixés entre les spires de l'élément (18). Chaque organe de mesure (26) comprend de préférence également un élément allongé en spirale tournant dans un logement.

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B01F 7/08 (2006.01); **B01F 7/00** (2006.01); **B01F 15/00** (2006.01); **B28C 5/12** (2006.01)

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Citation (search report)
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