

Title (en)

BALLISTIC SEPARATOR DRUM FOR MOIST MATERIALS

Title (de)

BALLISTISCHE SEPARATORTROMMEL FÜR FEUCHTE MATERIALIEN

Title (fr)

TAMBOUR BALISTIQUE DE SÉPARATION DE MATÉRIAUX HUMIDES

Publication

EP 3110568 B1 20181205 (EN)

Application

EP 15708312 A 20150129

Priority

- IT MI20140313 A 20140228
- IB 2015050681 W 20150129

Abstract (en)

[origin: WO2015128753A1] A ballistic separator drum comprises a cylinder provided with a plurality of evenly spaced longitudinal throw slats (6) extending in a substantially radial direction and provided with an impact face (6a) on the side towards the direction of rotation of the drum (1), the impact face (6a) having a radially proximal end more advanced, in the direction of rotation, than the radially distal end whereby the angle (a) between the diametral plane containing said distal end and the impact face (6a) has a value comprised between 5° and 45°, the impact face (6a) having a linear development inclined according to said angle (a) which is radiused in a distal portion (6a') to an involute-shaped curved segment over a height (d) equal to 17±5% of the overall height of the slat (6).

IPC 8 full level

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CPC (source: EP)

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