

Title (en)

Device for recognizing and separating impurities from a stream of synthetic or glass material.

Title (de)

Vorrichtung zum Erkennen und Trennen von Verunreinigungen aus einem Kunststoff- oder Glasmaterialstrom.

Title (fr)

Dispositif de reconnaissance et de séparation d'impuretés à partir d'un courant de matériau synthétique ou en verre.

Publication

EP 0353457 B1 19940907 (DE)

Application

EP 89111738 A 19890628

Priority

DE 3827024 A 19880805

Abstract (en)

[origin: EP0353457A2] A device for recognising and separating lump-shaped impurities from a stream of synthetic or material which is fed via a feed device and a slide is proposed. A multiplicity of sensors are arranged transversely to the material stream and can be constructed, for example, as metal detectors or opto-electronic sensors. Blast nozzles controlled in each case by valves are assigned to the sensors, said blast nozzles being selectively drivable when impurities are detected by the sensors to blow the impurity out of the falling stream of material. <IMAGE>

IPC 1-7

B07C 5/36; **B07C 5/342**

IPC 8 full level

B07C 5/342 (2006.01); **B07C 5/344** (2006.01); **B07C 5/36** (2006.01)

CPC (source: EP)

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Citation (examination)

US 3581888 A 19710601 - KELLY LEONARD, et al

Cited by

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