

Title (en)

Use of a nozzle having a convergent-divergent profile in an ejection device for a root-cutter.

Title (de)

Verwendung einer Düse mit convergent-divergenten Profil in einer Ausstossvorrichtung eines Wurzelschneiders.

Title (fr)

Utilisation d'une buse présentant un profil convergent-divergent dans un dispositif de débouillage de coupe-racines.

Publication

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Application

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Priority

FR 8813020 A 19881005

Abstract (en)

[origin: EP0363282A1] The invention relates to an ejection device for a beet slicer employed in the sugar industry, employing the projection of a jet of compressible fluid under pressure. The device comprises a nozzle (2) for injecting fluid, arranged on the static part (3) of the apparatus and pointing in the direction of the trajectory followed by the knives. This nozzle fed with fluid at a predetermined pressure, temperature and flow rate is characterised in that its profile is determined so as to ensure the isentropic pressure release of the fluid to a pressure close to the surrounding downstream pressure. <IMAGE>

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IPC 8 full level

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Dubbel, Taschenbuch für Maschinenbau, 1974, p.322

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