

Title (en)

ROTARY GAS DISPERSION DEVICE FOR TREATING A LIQUID ALUMINIUM BATH

Title (de)

RÜHRER ZUM EINBRINGEN VON GAS BEI DER BEHANDLUNG EINES ALUMINIUMBADES

Title (fr)

DISPOSITIF ROTATIF DE DISPERSION DE GAZ POUR LE TRAITEMENT D'UN BAIN D'ALUMINIUM LIQUIDE

Publication

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Application

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Abstract (en)

[origin: WO9805915A1] A rotary gas dispersion device for use in a liquid aluminium treatment vessel is disclosed. The device is useful for reducing surface disturbance, splashing and vortices while maintaining the effectiveness of the treatment. Said device includes a rotor (1) consisting of a set of blades (5) and a substantially flat disc (4) thereabove. Gas is injected through the central hub and side ports (10) between the blades. The ratio of the outer diameter of the rotor to the diameter of the central hub thereof is of 1.5-4.

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