

Title (en)

DEVICE FOR THE ACCELERATED COOLING OF A FAST-MOVING CONTINUOUS SUBSTRATE IN A VERTICAL PLANE

Title (de)

Vorrichtung zur beschleunigten Kühlung eines kontinuierlich schnell fortbewegten Materials in vertikaler Richtung

Title (fr)

DISPOSITIF DE REFROIDISSEMENT ACCELERE D'UN SUBSTRAT CONTINU EN DEFILEMENT RAPIDE DANS UN PLAN VERTICAL

Publication

EP 0731853 B1 19990811 (FR)

Application

EP 95932579 A 19950927

Priority

- BE 9500089 W 19950927
- BE 9400973 A 19941026

Abstract (en)

[origin: WO9613619A1] A device for the accelerated cooling of a fast-moving continuous substrate in a vertical plane, consisting of a closed chamber which includes, in the moving direction of the substrate, at least one main cooling region with a cooling fluid feed assembly, a secondary cooling region for promoting contact between the cooling fluid and the substrate, a cooling fluid removal region, and a fluid retaining assembly at the inlet and outlet of the cooling device. The main cooling region comprises assemblies such as spray booms for generating one or more water/air fog screens with a spatial arrangement such that they come into direct contact with the substrate to be cooled.

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IPC 8 full level

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