

Title (en)

Method and device for cooling a material web

Title (de)

Verfahren und Vorrichtung zum Kühlen einer Materialbahn

Title (fr)

Procédé et dispositif refroidisseur pour une bande de matériau

Publication

EP 1201429 A3 20071003 (DE)

Application

EP 01123320 A 20011008

Priority

DE 10052831 A 20001024

Abstract (en)

[origin: EP1201429A2] The web of material (5) moved along a path wraps round part of the cooling roller in front of, or after, which is a cooling or deflector roller part of which is enclosed by the web of material. The cooling roller (8,9,13,15-17,19-23) has an outer casing defining a hollow cavity through which flows coolant, especially cooled water. A first (7) and second (12) conditioning unit comprise silicon applicator rollers on either side of the web of material. Fresh air is blown into the dryer (2). Sensors (28,29) belong to a web-tension meter (26,27) for detecting fractures in the web .

IPC 8 full level

B41F 13/02 (2006.01); **B41F 23/04** (2006.01); **B41M 7/00** (2006.01)

CPC (source: EP US)

B41F 23/0479 (2013.01 - EP US); **B41F 23/0483** (2013.01 - EP US)

Citation (search report)

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