

Title (en)

Web cooling device

Title (de)

Bahnkühlungsvorrichtung

Title (fr)

Dispositif de refroidissement de bandes

Publication

EP 0627311 B1 19980715 (DE)

Application

EP 94106543 A 19940427

Priority

US 5613693 A 19930430

Abstract (en)

[origin: US5471847A] Web cooling device where liquid is applied to both sides of a hot web to enhance cooling via evaporation of the liquid from the web.

IPC 1-7

B41F 23/04; **B41F 23/02**

IPC 8 full level

F25D 7/00 (2006.01); **B41F 23/02** (2006.01); **B41F 23/04** (2006.01)

CPC (source: EP US)

B41F 23/02 (2013.01 - EP US); **B41F 23/0476** (2013.01 - EP US)

Cited by

EP1285754A3; EP0672526A1; US5471847A; EP1046500A1; DE19918130A1; US7065901B2; US6318263B1; EP0699529B1

Designated contracting state (EPC)

AT BE CH DE FR GB LI

DOCDB simple family (publication)

US 5471847 A 19951205; AT E168324 T1 19980815; DE 4414663 A1 19941103; DE 59406437 D1 19980820; EP 0627311 A1 19941207; EP 0627311 B1 19980715; JP 3589697 B2 20041117; JP H074808 A 19950110

DOCDB simple family (application)

US 37109995 A 19950111; AT 94106543 T 19940427; DE 4414663 A 19940427; DE 59406437 T 19940427; EP 94106543 A 19940427; JP 9357294 A 19940502