

Title (en)
Drying arrangement

Title (de)
Trockenanordnung

Title (fr)
Dispositif de séchage

Publication
EP 1586699 A1 20051019 (DE)

Application
EP 05101675 A 20050304

Priority
DE 102004017814 A 20040413

Abstract (en)
A papermaking assembly has a drying station with a heated cylinder under a pressure hood. The wet fibre web feeds between the cylinder and hood. The drying cylinder is coated with a substance that promotes detachment of the paper from the drum. The drying cylinder is a porous layer of ceramic material (10) or a hydrophobic spray-on medium. The hydrophobic medium is sprayed (11) onto the drum from below. In an alternative embodiment the dried web is lifted from the heated drum by a suction assembly.

Abstract (de)
Eine Trockenanordnung (1) mit einem beheizten Trockenzylinder (3) zur Trocknung einer Papier-, Karton-, Tissue- oder einer anderen Faserstoffbahn (2), oberhalb dessen eine Druckhaube (4), angeordnet ist, wobei die Faserstoffbahn (2) zwischen dem Trockenzylinder (3) und der Druckhaube (4) hindurchführbar ist, ist dadurch gekennzeichnet, dass der Trockenzylinder (3) mit einem die Ablösung der Faserstoffbahn (2) von der Mantelfläche des Trockenzylinders (3) erleichternden Mittel ausgestattet ist. <IMAGE>

IPC 1-7
D21F 5/04; **D21F 5/02**; **D21F 11/14**

IPC 8 full level
F26B 13/10 (2006.01); **D21F 5/02** (2006.01); **D21F 5/04** (2006.01); **D21F 11/14** (2006.01)

CPC (source: EP)
D21F 5/02 (2013.01); **D21F 5/044** (2013.01); **D21F 11/14** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1586699 A1 20051019; **EP 1586699 B1 20100106**; AT E454495 T1 20100115; DE 102004017814 A1 20051103; DE 502005008808 D1 20100225; JP 2005300143 A 20051027

DOCDB simple family (application)
EP 05101675 A 20050304; AT 05101675 T 20050304; DE 102004017814 A 20040413; DE 502005008808 T 20050304; JP 2005113561 A 20050411