

Title (en)

Dryer section of a paper machine

Title (de)

Trockenpartie einer Papiermaschine

Title (fr)

Section de séchage d'une machine à papier

Publication

EP 0657580 B1 20000510 (DE)

Application

EP 94119391 A 19941208

Priority

US 16441293 A 19931209

Abstract (en)

[origin: US5379528A] A drying section of a paper making machine has a series of single tier drying groups, all with their respective felt belts arranged so that the drying cylinders are in contact with and dry one side of the web. The single tier groups are followed by one double tier drying group wherein the web passes such that the top side, then the bottom side, then the top side, then the bottom side, etc. of the web is in contact with successive drying cylinders arranged in two rows. Steam under pressure is supplied to all the drying cylinders. In the double tier group of drying cylinders, the steam pressure supplied to a first set of drying cylinders in sequence is higher than the steam pressure supplied to a second set of drying cylinders.

IPC 1-7

D21F 5/04; **D21F 5/02**

IPC 8 full level

F26B 13/18 (2006.01); **D21F 5/02** (2006.01); **D21F 5/04** (2006.01); **D21F 5/06** (2006.01)

CPC (source: EP US)

D21F 5/028 (2013.01 - EP US); **D21F 5/04** (2013.01 - EP US)

Cited by

DE102008043918A1; DE102008043915A1; DE102014202906A1; DE102008000227A1; DE102008042285A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

US 5379528 A 19950110; AT E192802 T1 20000515; CA 2137311 A1 19950610; DE 59409339 D1 20000615; EP 0657580 A2 19950614; EP 0657580 A3 19961218; EP 0657580 B1 20000510; FI 119847 B 20090415; FI 945764 A0 19941208; FI 945764 A 19950610; JP H07229081 A 19950829

DOCDB simple family (application)

US 16441293 A 19931209; AT 94119391 T 19941208; CA 2137311 A 19941205; DE 59409339 T 19941208; EP 94119391 A 19941208; FI 945764 A 19941208; JP 33174094 A 19941209