

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 A3 19961218 (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

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)

Citation (search report)

- [A] WO 9322497 A1 19931111 - BELOIT TECHNOLOGIES INC [US]
- [PA] DE 9414963 U1 19941103 - VOITH GMBH J M [DE]
- [A] US 2885790 A 19590512 - CRAM HERVEY G
- [A] AT 384254 B 19871027 - ANDRITZ AG MASCHF [AT], et al
- [A] DE 1194692 B 19650610 - SIEMENS AG
- [A] US 4314878 A 19820209 - LEE HONG H
- [A] DE 2340224 A1 19740228 - ASFURA A C M
- [A] US 4447964 A 19840515 - GARDNER THOMAS A [US]

Cited by

DE102008043918A1; DE102008043915A1; DE102014202906A1; DE102008000227A1; DE102008042285A1

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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