

Title (en)

PROCESS AND APPARATUS FOR THE PRODUCTION OF A DRY, FIBROUS WEB COMPRISING ORGANIC FIBRES AND A BINDER

Publication

EP 0194607 A3 19870902 (EN)

Application

EP 86103054 A 19860307

Priority

DK 107985 A 19850308

Abstract (en)

[origin: EP0194607A2] Process and apparatus for the production of a dry, binder-containing, fibrous web (1), wherein a liquid binder is applied to said web (1) before the web is passed through a series of driers (11,12,26,27,42,43,44) located on different levels, said web being supported by foraminous wires (10,28,41) and hot air being passed through the web during the passage through each drier, the fibrous web being sucked against a foraminous wire (23) during the passage from one level to another, said foraminous wire being supported by a roller (24) having a perforated surface and the interior of said roller being connected with a source of vacuum. By using the process and the apparatus of the invention, the risk of burst of the web is reduced and the production rate is substantially increased.

IPC 1-7

F26B 13/10; **F26B 13/06**

IPC 8 full level

D04H 1/64 (2006.01); **F26B 13/10** (2006.01); **F26B 13/16** (2006.01)

CPC (source: EP)

F26B 13/101 (2013.01); **F26B 13/16** (2013.01)

Citation (search report)

- [Y] US 4292271 A 19810929 - BUOB JAMES F, et al
- [Y] FR 2545852 A1 19841116 - BRUECKNER TROCKENTECHNIK GMBH [DE]
- [A] DE 2808428 A1 19790830 - KELLER GMBH & CO KG
- [A] GB 1191536 A 19700513 - SCOTT PAPER CO [US]
- [A] DE 3006758 A1 19810903 - VEPA AG [CH]
- [A] TAPPI, vol. 64, no. 9, September 1981, pages 129-132, Atlanta, Georgia, US; J.A. VILLALOBOS: "The drying and curing of dry-formed webs"

Cited by

DE3644067A1; CN106458489A; DE102014206706A1; WO2006021305A1; DE202014003153U1

Designated contracting state (EPC)

BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0194607 A2 19860917; **EP 0194607 A3 19870902**; DK 107985 A 19860909; DK 107985 D0 19850308; FI 860956 A0 19860307; FI 860956 A 19860909; JP S61258058 A 19861115

DOCDB simple family (application)

EP 86103054 A 19860307; DK 107985 A 19850308; FI 860956 A 19860307; JP 5128986 A 19860308