

Title (en)

Method and apparatus for drying a textile fabric

Title (de)

Verfahren und Vorrichtung zur Trocknung einer textilen Warenbahn

Title (fr)

Procédé et dispositif de séchage d'une étoffe textile

Publication

EP 0965806 A3 20010509 (EN)

Application

EP 99304683 A 19990616

Priority

GB 9812947 A 19980617

Abstract (en)

[origin: EP0965806A2] Fabric (1) is dried by means of gas fired emitters (6) that can be selectively switched on and off to control the amount the drying. A control system measures the steam evaporating from the fabric surface, the speed of conveyance of the fabric (1) and the surface temperature of the fabric and switches on or off gas fired emitters (6) accordingly to ensure the fabric emerges from the drier at a desired residual moisture content without burning or scorching. A heat setter comprising modulated electric short wave emitters (10) and a pyrometer (11) may be used to heat set the fabric after drying. <IMAGE>

IPC 1-7

F26B 13/12; **F26B 3/30**

IPC 8 full level

F26B 3/30 (2006.01); **F26B 13/12** (2006.01)

CPC (source: EP)

F26B 3/30 (2013.01); **F26B 3/305** (2013.01); **F26B 13/12** (2013.01)

Citation (search report)

- [A] US 3406954 A 19681022 - FANNON JR JOHN J
- [A] US 3078587 A 19630226 - HUCK WILLIAM F
- [A] GB 1041739 A 19660907 - DU PONT
- [A] US 4354095 A 19821012 - DE VRIES JACOB
- [A] DE 3710202 A1 19881006 - BRUECKNER TROCKENTECHNIK GMBH [DE]
- [A] US 4614044 A 19860930 - FIEDLER GERHARD [DD], et al
- [A] EP 0489720 A2 19920610 - KRIEGER CORP [US]

Cited by

CN102321925A; CN109654873A; EP2418316A1; CN115200344A; CN115035503A; US9238887B2; WO03029546A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0965806 A2 19991222; **EP 0965806 A3 20010509**; GB 9812947 D0 19980812

DOCDB simple family (application)

EP 99304683 A 19990616; GB 9812947 A 19980617