

Title (en)

Process and apparatus for the heat treatment of a running web by blowing with vapour

Title (de)

Verfahren und Vorrichtung zum Wärmebehandeln einer durchlaufenden Warenbahn durch Aufblasen von Dampf

Title (fr)

Procédé et dispositif de traitement thermique d'une bande en déplacement continu par soufflage de vapeur

Publication

EP 1010959 A3 20010912 (DE)

Application

EP 99122120 A 19991105

Priority

DE 19858839 A 19981219

Abstract (en)

[origin: EP1010959A2] Continuous material (4) is steam treated in a chamber (1) where steam is circulated under positive pressure. The material enters through an inlet slot (2) which is preceded by a lock where steam is blown (12) on to the material (4), preferably at a speed of 20 to 40 m/sec. The material (4) runs horizontally and the lock can include suction (16) and hot air blowing (15). An Independent claim is also included for steam treatment equipment with a lock at the inlet slot (2), incorporating a steam chamber (12) with jet manifold and steam supply (17). An initial air chamber (15) where hot air is blown on the material and a suction chamber (16) for removing exhaust steam is also fitted.

IPC 1-7

F26B 13/10

IPC 8 full level

D06B 23/16 (2006.01); **D06C 7/02** (2006.01); **F26B 13/00** (2006.01); **F26B 13/10** (2006.01)

CPC (source: EP US)

D06B 23/16 (2013.01 - EP US); **D06C 7/02** (2013.01 - EP US); **F26B 13/005** (2013.01 - EP US); **F26B 13/10** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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

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