

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 B1 20050316 (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

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CPC (source: EP US)

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EP 1010959 A2 20000621; **EP 1010959 A3 20010912**; **EP 1010959 B1 20050316**; AT E291211 T1 20050415; DE 19858839 A1 20000621; DE 19858839 B4 20050210; DE 59911760 D1 20050421; DK 1010959 T3 20050704; US 6282811 B1 20010904

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