

Title (en)

Process for the treatment of plant or animal fibres or feathers

Title (de)

Verfahren zur Behandlung von pflanzlichen oder tierischen Fasern oder Federn

Title (fr)

Procédé de traitement de fibres végétales naturelles, animales ou plumes

Publication

EP 1428922 B1 20060510 (FR)

Application

EP 03104666 A 20031212

Priority

FR 0216240 A 20021212

Abstract (en)

[origin: EP1428922A1] Method involves passing them through a separator (1) for aeration, followed by a tunnel (3) for treating them with various liquids as they are turned inside rotary drums (5). The tunnel has compartments (6-10) for washing fibres/feathers, fire-proofed with boron and ammonium salts, and given anti-parasite treatment. Method involves passing them through a separator (1) for aeration, followed by a tunnel (3) for treating them with various liquids as they are turned inside rotary drums (5). The tunnel has compartments (6-10) for washing fibres/feathers, fire-proofed with boron and ammonium salts, given anti-parasite treatment, optionally perfumed with cedarwood/lavender essences, waterproofed and marked for traceability. After the tunnel they go to a rinsing (11)/membrane pressing (12) unit, followed by tumble drying (14) in hot air before a storage unit (16), a second separator (17) and a packing unit (18). The finished product can be used as insulation at a rate of 3.5 - 4 kg/sq m to give a thickness of 20 cm.

IPC 8 full level

D06B 3/02 (2006.01)

CPC (source: EP)

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Cited by

CN107955977A; CN113737534A; EP2366826A1

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