

Title (en)

METHOD FOR OXIDISING OR ACTIVATING A TEXTILE MASS WITH A GAS MIXTURE CONTAINING OZONE

Title (de)

VERFAHREN ZUR OXIDATION ODER AKTIVIERUNG VON EINER FASERMASSE MIT EINER OZON ENTHALTENDEN GASMISCHUNG

Title (fr)

PROCEDE D'OXYDATION OU ACTIVATION D'UNE MASSE FIBREUSE PAR UN MELANGE GAZEUX CONTENANT DE L'OZONE

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Application

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Abstract (en)

[origin: WO0175212A2] The invention concerns a method for oxidising a textile mass, in particular woollen, to modify the surface of the fibres whereof it is formed, essentially consisting in: a) transforming said textile mass into a textile mass containing 12.5 to 60 % (g/g) of water and having a structure such that a gas can pass through it uniformly and thoroughly; and b) passing through said mass, for 5 to 20 minutes at room temperature, a gas mixture containing 20 to 150 g of ozone per m³, which is continuously injected through said mass while it moves along on a carrier system, being alternately directed on both surfaces of said pass. Said treatment is preferably carried out in a sealed chamber, the ozone being destroyed in output.

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