

Title (en)
METHOD OF IMPREGNATION

Title (de)
IMPREGNIERUNGSVERFAHREN

Title (fr)
PROCEDE D'IMPREGNATION

Publication
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Application
EP 00970374 A 20000926

Priority
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Abstract (en)
[origin: WO0124982A1] A process for the impregnation of cellulose-based products, particularly wood, comprising treatment of the product with linseed oil at an increased temperature under pressure in an autoclave, comprising the steps: a) charging the autoclave with the product to be treated, b) charging the autoclave with linseed oil heated to a temperature exceeding the boiling point of water so that the product will be surrounded by linseed oil, c) applying vacuum to the autoclave while keeping the temperature constant, water in the form of steam and air enclosed in the product being released from the product, d) discharging the linseed oil from the autoclave with simultaneous supply of linseed oil of a temperature lower than the boiling point of water and preferably applying over-pressure to the autoclave, and e) discharging the cold oil from the autoclave which, optionally, for the removal of excess oil from the product is again set under vacuum, whereafter the impregnated product is removed from the autoclave.

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