

Title (en)
WOODWORKING METHOD

Title (de)
HOLZBEHANDLUNGSMETHODE

Title (fr)
PROCEDE DE TRAITEMENT DE BOIS

Publication
EP 1696193 A1 20060830 (EN)

Application
EP 03815336 A 20031125

Priority
RU 0300523 W 20031125

Abstract (en)
Method involves heating air in chamber at heating rate of 30-450C/hour to temperature of 130-1650C, with following subjecting of wood to the action of water vapors for 0.5-1.75 hours; heating resultant gas-vapor medium in chamber at heating rate of 4-80C/hour to temperature of 160-2000C; processing wood with water vapors for 0.5-1.75 hours, with following heating of gas-vapor medium in chamber at heating rate of 4-80C/hour to temperature of 160-2000C and holding wood at said temperature for 2.5-6 hours; subjecting wood to the action of water vapors for 0.5-1.75 hours, with following heating of gas-vapor medium in chamber at heating rate of 4-80C/hour to temperature of 160-2000C; stopping heating process; after expiring of 1-3.5 hour period, processing wood with water vapors for 0.5-1.75 hours by supplying into chamber of water vapors having temperature of 120-1600C and discharging gas-vapor medium from chamber. Also described are wood-working apparatus, construction member and work piece manufactured from wood processed by said method. Method allows wood material of thickness exceeding 200 mm to be processed.

IPC 8 full level
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CPC (source: EP)
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Cited by
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