

Title (en)
METHOD FOR THE PREPARATION OF OSB WOOD-BASE PANELS WITH REDUCED EMISSION OF VOLATILE ORGANIC COMPOUNDS (VOCS)

Title (de)
VERFAHREN ZUR HERSTELLUNG VON OSB-HOLZWERKSTOFFPLATTEN MIT REDUZIERTER EMISSION AN FLÜCHTIGEN ORGANISCHEN VERBINDUNGEN (VOCS)

Title (fr)
PROCÉDÉ DE FABRICATION DE PANNEAUX DE LAMELLES ORIENTÉES OSB À FAIBLE ÉMISSION SUR DES COMPOSÉS ORGANIQUES VOLATILS (COV)

Publication
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Application
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Priority

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Abstract (en)
[origin: CA3060986A1] This invention concerns a process for the treatment of wood strands suitable for the manufacture of OSB boards, in which the wood strands are treated with steam without drying after extraction, the steam being passed over the wood strands at a temperature between 80°C and 120°C and a pressure between 0,5 bar and 2 bar. The present invention also concerns a process for the production of OSB wood-based boards, in particular OSB wood-based boards with reduced emission of volatile organic compounds (VOCs), comprising the steps of a) producing wood strands from suitable wood logs; b) treating at least part of the wood strands with steam; c) drying the steam-treated wood strands; d) gluing the steam-treated and dried wood strands and gluing the non-steam-treated wood strands with at least one binder; e) scattering the glued wood strands onto a conveyor belt; and f) pressing the glued wood strands into an OSB wood-based board.

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