

Title (en)
A PROCESS AND APPARATUS FOR APPLYING BONDING AGENT AND A PROCESS FOR FORMING RECONSOLIDATED WOOD PRODUCT.

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ANBRINGEN EINES KLEBEMITTELS UND VERFAHREN ZUR HERSTELLUNG EINES WIEDERHERGESTELLTEN HOLZERZEUGNISSES.

Title (fr)
PROCEDE ET APPAREIL SERVANT A APPLIQUER UN AGENT AGGLOMERANT ET PROCEDE SERVANT A FORMER UN PRODUIT DU BOIS RECONSOLIDE.

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Application
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Priority
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Abstract (en)
[origin: WO8804983A1] Process and apparatus for introducing bonding agent in an improved manner to flexible open lattice work web of naturally interconnected wood strands, a substantial proportion of which are substantially discrete but incompletely separated from each other. The web with bonding agent applied may be compressed above or with others to form a reconsolidated wood product. The application of bonding agent is performed using at least one applying roller pair (102, 104) in which one or more rollers is corrugated to thereby allow better infiltration of the agent. Squeeze rollers (118) advantageously remove excess bonding agent. The applying rollers are preferably disposed in a bath (126) and the bonding agent, for example a foam, may be applied in the bath to be carried upstream by the rotation of the applying rollers. Conveniently a shroud (148) is provided beneath the applying rollers to guide bonding agent upstream.

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CPC (source: EP)
B27N 1/02 (2013.01)

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• [Y] WO 8502368 A1 19850606 - REPCO RES PTY LTD [AU]
• [Y] PATENT ABSTRACTS OF JAPAN, vol. 11, no. 125 (M-582)[2572], 18th April 1987; & JP-A-61 266 203 (MARUYOSHI ANDO K.K.) 25-11-1986
• See references of WO 8804983A1

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