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(54) Process and apparatus for adding glue to a flow of loose wood materials

(57) The plant comprises a device (2) for feeding a mass of loose wood material, consisting of particles, to a loading conduit (3) of a mixer (4) provided with an inlet (4a) for the mass of wood material and an outlet (4b), and also comprises means (5) for sending a flow of air into the loading conduit (3) and means for injecting (6) glue into the mass of wood material upstream of an entry of the wood material into the mixer (4). The process comprises: feeding a mass of loose wood material in

particle form from a device (2) to a loading hopper (7) of a mixer (4); sending a flow of hot air into the hopper (7); atomising and injecting glue into the mass of loose wood material upstream of an inlet of the wood material into the mixer (4) by means of at least one injector (12) associated to a lateral surface of the hopper (7); sending the mass of wood material when mixed with the glue internally of the mixer (4); sending the mass of wood material mixed with the glue onto subsequent work stations.

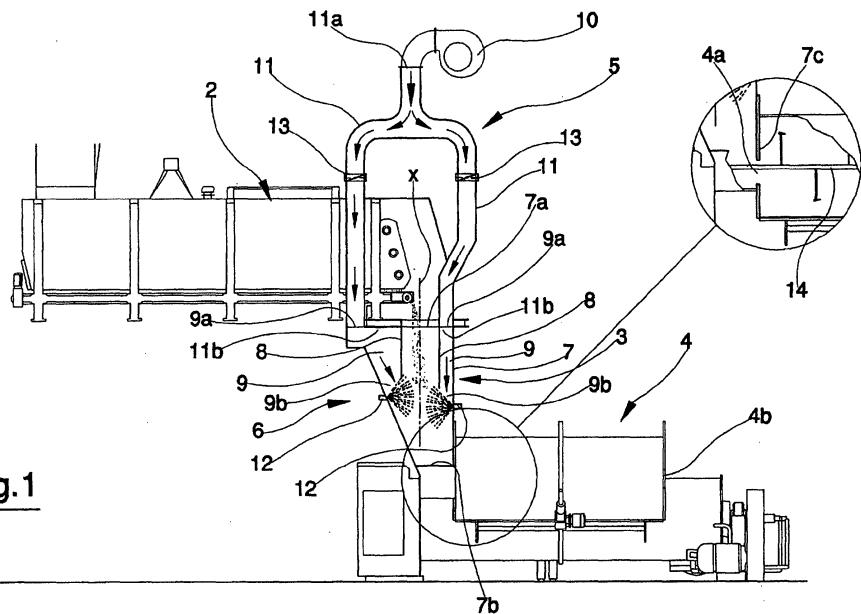


Fig.1



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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B27N
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	The Hague	28 January 2005	J-E. Söderberg
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT
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