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(54) **Drying apparatus**

(57) The present invention relates to a drying apparatus (1) for drying timber (13) formed of both round and sawn timber. The drying apparatus comprises, as in the prior art, a drying chamber for receiving the timber to be dried, circulation means (16, 17) for guiding heated drying air in the drying chamber and members (30) for leading water vapour (29) into the drying chamber. A longitudinal drying chamber is provided with a partition wall (10) dividing the chamber in its longitudinal direction into

two separate drying spaces (11, 12) in which the drying is arranged to take place by the circulation of drying air through both the spaces. To heat the drying air, the apparatus is provided with heat exchangers (18, 19) which are arranged into flow spaces (20, 21) connected to the drying spaces. The heated drying air circulates in longitudinal gaps (14, 15) in the timber load by impact of a pressure difference produced at the opposite ends of the timber load by means of the circulation means.

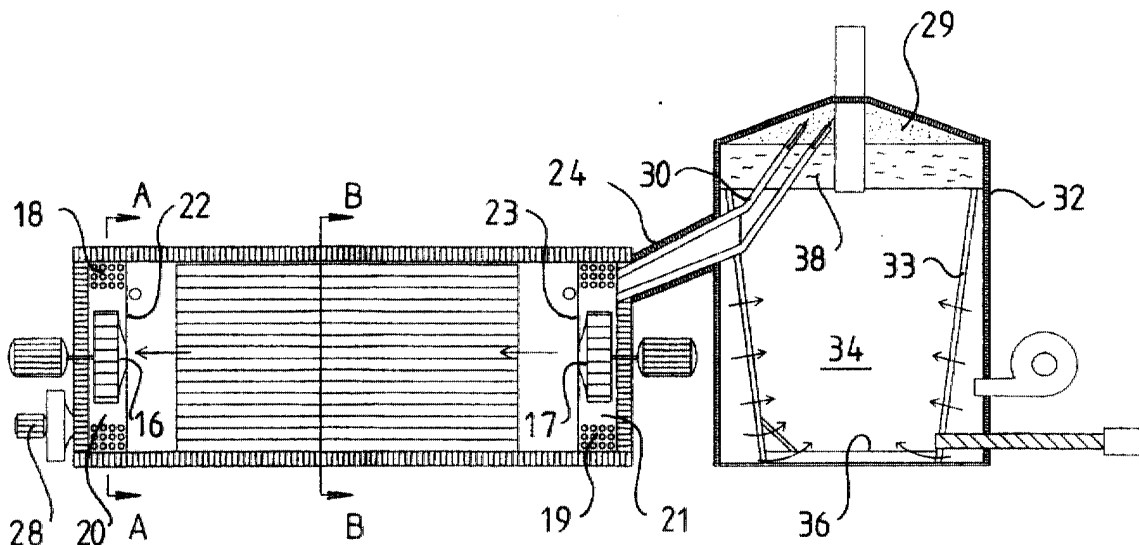


FIG. 2



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Place of search THE HAGUE		Date of completion of the search 7 February 2003	Examiner Silvis, H
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