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(71) Applicant: **BITRON S.p.A.**
10042 Nichelino (Torino) (IT)

(72) Inventor: **Brignone, Enzo**
12025 Frazione Monastero Dronero (Cuneo) (IT)

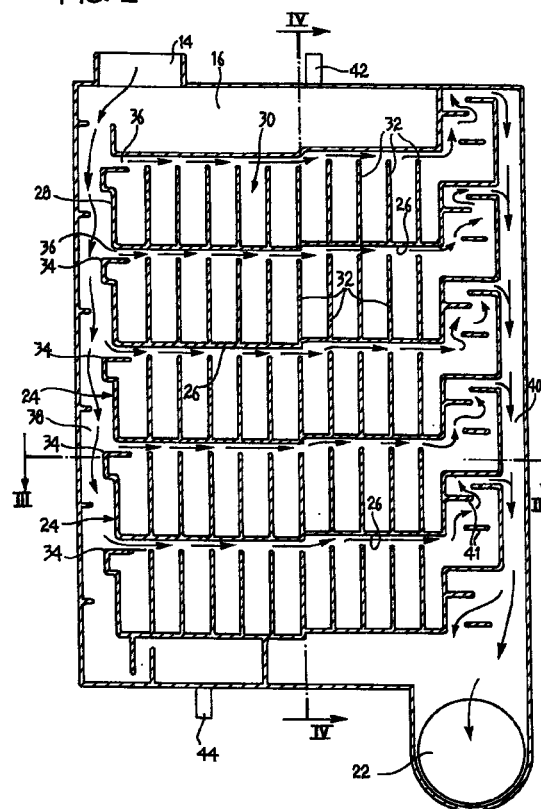
(74) Representative: **Gerbino, Angelo**
c/o JACOBACCI & PERANI S.p.A.
Corso Regio Parco, 27
10152 Torino (IT)

(54) **Device for cooling and condensing steam formed in the washing tank of a dishwashing machine**

(57) The device for cooling and condensing steam formed in the washing vessel (10) of a dishwashing machine includes a chamber (16) containing cold water which causes the condensation of the steam, and a fan (20) which transfers steam-laden air from the washing vessel (10) to the chamber (16).

A plurality of overlapping plates (24) is located in this latter, each of which includes a base part (26) and a side wall (28) to define a cavity (30) containing water. A space (36) into which the steam-laden air to be condensed can flow is defined between the base wall (26) of at least one plate (24) and the upper edge (34) of the side wall (28) of the immediately underlying plate (24).

FIG. 2



EP 0 940 114 A3



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EUROPEAN SEARCH REPORT

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Place of search THE HAGUE		Date of completion of the search 8 December 1999	Examiner Courrier, G
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 99 10 1710

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