

Title (en)
WATER COOLER FOR INTERNAL INSTALLATION

Title (de)
WASSERKÜHLER FÜR INNENANLAGE

Title (fr)
REFROIDISSEUR D'EAU POUR INSTALLATION INTERNE

Publication
EP 1588103 A1 20051026 (EN)

Application
EP 04701667 A 20040113

Priority
• IT 2004000006 W 20040113
• IT TN20030002 A 20030115

Abstract (en)
[origin: WO2004063634A1] Water cooler (20) comprising: a compressor (1) sending a cooling medium to an evaporative condenser (4) in which condensation heat is subtracted by the air flow sucked by the pipe (14) and let out by the fan (12) through a second pipe (13). Water is sent by the pump (5) to the dispenser (8), which sprays said evaporative condenser (4) with said water. The evaporator (10) cools water for air conditioning. The cooler can be equipped - for heating water for sanitary use - with a second condenser (18) arranged in series with the evaporative condenser (4).

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F24F 1/02; **F25B 40/04**; **F25B 39/04**

IPC 8 full level
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F24D 17/02 (2013.01); **F24F 1/00077** (2019.01); **F24F 1/022** (2013.01); **F24F 5/0096** (2013.01); **F25B 39/04** (2013.01); **F28D 5/02** (2013.01); **F25B 40/04** (2013.01); **F25B 2339/041** (2013.01); **F25B 2339/047** (2013.01)

Citation (search report)
See references of WO 2004063634A1

Citation (examination)
• GB 424985 A 19350305 - EMILE PAUL BRUS, et al
• WO 0016015 A1 20000323 - JEONG PIL HA [KR]
• JP S59109731 A 19840625 - MATSUSHITA SEIKO KK

Designated contracting state (EPC)
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DOCDB simple family (application)
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