

Title (en)
AUTOMATIC SYSTEM FOR EVAPORATION OF CONDENSATES

Title (de)
AUTOMATISCHES KONDENSATVERDAMPFUNGSSYSTEM

Title (fr)
SYSTÈME AUTOMATIQUE D'ÉVAPORATION DE CONDENSATS

Publication
EP 2101130 A1 20090916 (EN)

Application
EP 07866359 A 20071213

Priority
• ES 2007000729 W 20071213
• ES 200603198 A 20061215

Abstract (en)
Consists of the installation of a set of condensation control elements on to the lower rear part of the external condenser units of air-conditioning systems, permitting the elimination by evaporation of the liquid formed in the air-conditioning process. The system is made up of an electric liquid level sensor, which is connected to the liquid collection container on the bottom of the external condenser unit, and which, depending on the level of liquid in the container, activates the pump, which pumps the water through pipes connected to the rear ventilation grille and releases it on to the condenser through atomizers at the end of the pipes, causing the liquid to evaporate, thereby making it unnecessary to install condensed liquid drainage pipes and improving heat efficiency by cooling the ventilation grille of the condenser unit.

IPC 8 full level
F25D 21/14 (2006.01); **F24F 13/22** (2006.01)

CPC (source: EP ES US)
F24F 13/222 (2013.01 - EP US); **F25D 21/14** (2013.01 - ES); **F25B 2339/041** (2013.01 - EP US)

Cited by
IT201600068611A1; WO2021176122A1; WO2021261983A1

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DOCDB simple family (publication)
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