

Title (en)  
DEVICE FOR THE CONDENSATION OF STEAM IN AN AIR RECIRCULATION CIRCUIT OF AN INDUSTRIAL DISHWASHER OR THE LIKE

Title (de)  
VORRICHTUNG ZUR KONDENSATION VON DAMPF IN EINEM LUFTKREISLAUF EINER INDURSTIELLEN SPÜLMASCHINE ODER DERGLEICHEN

Title (fr)  
DISPOSITIF POUR LA CONDENSATION DE VAPEUR DANS UNE CIRCULATION D'AIR D'UN LAVE-VAISSELLE INDUSTRIEL OU SEMBLABLE

Publication  
**EP 3335613 A1 20180620 (EN)**

Application  
**EP 16425113 A 20161219**

Priority  
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Abstract (en)  
Steam condensation device comprising a condensation chamber (1) with relevant inlet (2) and outlet (3) ducts that form a circuit for the recirculation of moist air coming from a wash tank (4) of an industrial dishwasher or the like, a fan (5) suitable to guarantee the air circulation in the recirculation circuit, a plurality of spraying nozzles (8) arranged in the condensation chamber (1) and fed through a water pipe connected to the water mains system and provided with a valve, a level sensor suitable to detect the amount of water loaded into the device, a recirculation pump (11) that draws water from the bottom of the condensation chamber (1) and sends it to the spraying nozzles (8) through a recirculation duct (12), as well as a control unit operatively connected to the fan (5), to the valve, to the level sensor and to the recirculation pump (11).

IPC 8 full level  
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**A47L 15/483** (2013.01); **A47L 15/241** (2013.01); **A47L 15/4214** (2013.01); **A47L 15/4219** (2013.01)

Citation (search report)  
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