

Title (en)  
MOBILE CLEANING DEVICE FOR A HEAT EXCHANGER

Title (de)  
MOBILE REINIGUNGSVORRICHTUNG FÜR WÄRMETAUSCHER

Title (fr)  
DISPOSITIF DE NETTOYAGE MOBILE DESTINE A DES ECHANGEURS THERMIQUES

Publication  
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Application  
**EP 00993070 A 20001107**

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Abstract (en)  
[origin: WO0239047A1] The invention relates to a mobile cleaning device for cooling surfaces, particularly air condensation systems, water cooling systems, and chemical systems. According to the invention, a) an injection-nozzle carrier is arranged on top of the cooling registers in a displaceable manner in the longitudinal direction of the cooling pipes, bearing an injection-nozzle (50) with a plurality of cleaning nozzles. According to the invention, b) said device is provided with a carrier which bears the injection nozzles (50) and covers several cooling pipes and cooling registers and, c) a supporting construction is provided with an edge profile (2) and d) said carrier is displaceable on the edge profile (2) and/or e) the length of the edge profile (2) can be altered and f) the edge profile (2) is held in place by frame shaped stirrups (53). Said injection-nozzle carrier is displaceable under said stirrups and/or g) the injection-nozzle carrier can be displaced over the head and/or the base of the carrier.

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Cited by  
FR3124249A1; FR3124250A1; WO2023247840A1; DE102007040427A1; DE202007018790U1; EP2040021A3; NL1037634C2; BE1019840A3; US11604040B2; DE202011001750U1; DE102011113377A1; WO2009046783A1; DE102008036951A1; EP2034266A2; DE202008017300U1; DE102009054159A1; DE202008017288U1; DE102008008312A1; US9605916B2; US10018432B2; DE102007052392A1; DE102011008404A1; DE202011109780U1; DE202007018800U1; FR3089434A1; DE202010016368U1; DE102010032388A1; EP2317273A2; DE102010010011A1; WO2019063813A1; US10753690B2; EP3929521A1; DE102009011884A1; EP2031331A2; DE202008017291U1; DE102008016539A1; DE202009005417U1; US11958086B2

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