

Title (en)  
Device for charging.

Title (de)  
Ladeeinrichtung.

Title (fr)  
Dispositif de chargement.

Publication  
**EP 0592371 B1 19950705 (DE)**

Application  
**EP 93810704 A 19931006**

Priority  
CH 315292 A 19921008

Abstract (en)  
[origin: EP0592371A1] The charging device comprises a stool-like frame construction (12) into which a cube-shaped housing (1) is inserted approximately one metre from the floor, the housing containing a heat pump, a blower (fan) and other accessories. The housing (1) is made in the form of a cube and has, on the front wall (19), an air intake screen (21) and, on the two side walls (20, 20') and at the top on the cover, in each case air outlets (21) for the compressed air generated by a blower in the housing (1). The housing (1) is equipped with two connections (23, 24) for the supply of water to be heated and water which has been heated, and also with a dripping-water outlet (11) and a plug for connection to a control box (18). A major advantage of the device is the compact design of the housing and of the heat pump (1), which for a power of up to 5 kW has a side length of only 55 cm. Consequently, the housing (1) together with the contents is very light and can be exchanged by a single semi-skilled worker, thereby greatly facilitating the maintenance and repair of the device and of the heating installation. A defective unit, or a unit to be checked, can be replaced by a single person, e.g. by the caretaker, with the result that the loss of heating or hot water is of only very short duration. Since the exchanging operation does not require a heating specialist, considerable labour costs can be saved. Further advantages of the device are the dewatering action and hence the suitability as a linen drier, and also the cooling action, which is greatly appreciated especially in summer in the room in which the device is installed. <IMAGE>

IPC 1-7  
**F24D 11/02; F25B 30/02**

IPC 8 full level  
**F24D 11/02** (2006.01)

CPC (source: EP US)  
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Designated contracting state (EPC)  
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