

Title (en)
DEVICE FOR HEATING AIR, FLUIDS AND MATERIALS, IN DRY OR WET ENVIRONMENT, POWERED WITH LOW VOLTAGE CURRENT OR ALTERNATING OR DIRECT VERY LOW SAFE ALLOWABLE VOLTAGE

Title (de)
VORRICHTUNG ZUR HEIZUNG VON LUFT, VON FLÜSSIGEN MATERIALIEN UND MATERIALIEN IN FEUCHTER ODER TROCKENER UMGEBUNG, DIE DURCH NIEDER-, WECHSEL- ODER GLEICHSPANNUNG VERSORGT WIRD

Title (fr)
DISPOSITIF DE CHAUFFAGE DE L'AIR, DE FLUIDES ET DES MAT RIAUX, EN MILIEU SEC OU HUMIDE, ALIMENT EN COURANT BASSE TENSION OU TBTS ALTERNATIF OU CONTINU

Publication
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Application
EP 00988925 A 20001214

Priority
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• FR 9916108 A 19991217

Abstract (en)
[origin: US6963054B2] A device for heating air, fluids and materials, in dry or wet environments powered in low voltage current or alternating or direct very safe allowable voltage, by increasing the temperature of any type of surface, whether flat or embossed, solid or open-work. The device includes electrodes coated with a layer of electrically resistant fluid or pasty substance. The assembly of devices is very thin, and is particularly designed for heating premises, swimming pools, pipes exposed to freezing, and container for warm food.

IPC 8 full level
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CPC (source: EP US)
H05B 3/0004 (2013.01 - EP US); **H05B 3/60** (2013.01 - EP US)

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