

Title (en)

MICROWAVE GROUND, ROAD, WATER, AND WASTE TREATMENT SYSTEMS

Title (de)

MIKROWELLENSYSTEM ZUR ERD-, STRASSEN-, WASSER- UND ABFALLBEARBEITUNG

Title (fr)

SYSTEMES DE TRAITEMENT HYPERFREQUENCE DE SOL, ROUTE, EAU ET DECHETS

Publication

EP 2443287 A4 20141203 (EN)

Application

EP 10790175 A 20100617

Priority

- US 2010038957 W 20100617
- US 21815209 P 20090618

Abstract (en)

[origin: WO2010148173A2] A microwave ground or road surface heating system that eliminates the need for preparation of the surface to be heated while preventing leakage of microwave radiation. The highly portable microwave heating system prevents leakage of microwave radiation via a microwave horn and sealing shroud configuration that seals the unit to the surface being heated.

IPC 8 full level

E01H 5/10 (2006.01); **E01C 23/14** (2006.01); **E02D 3/11** (2006.01)

CPC (source: EP)

E01C 23/14 (2013.01); **E01H 5/106** (2013.01); **H05B 6/701** (2013.01); **H05B 6/80** (2013.01)

Citation (search report)

- [YA] JP H11158809 A 19990615 - TOHO DENKO KK
- [YA] CN 2844210 Y 20061206 - UNIV DONGNAN [CN]
- [A] DE 3402439 A1 19850725 - BANTLE HERMANN [DE]
- [A] US 3604324 A 19710914 - MIDDLESTADT WILLIAM F
- See references of WO 2010148173A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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