

Title (en)

DEVICE, IN PARTICULAR FOR HEATING OF ASPHALT AND SIMILAR MIXTURES AND REPAIRS OF ASPHALT SURFACES

Title (de)

VORRICHTUNG, INSBESONDERE ZUR ERWÄRMUNG VON ASPHALT UND ÄHNLICHEN MISCHUNGEN UND ZUR REPARATUR VON ASPHALTOBERFLÄCHEN

Title (fr)

DISPOSITIF, EN PARTICULIER POUR LE CHAUFFAGE D'ASPHALTE ET DE MÉLANGES SIMILAIRES ET DE RÉPARATIONS DE SURFACES D'ASPHALTE

Publication

EP 3775382 A1 20210217 (EN)

Application

EP 19721826 A 20190402

Priority

- CZ 2018159 A 20180404
- IB 2019052687 W 20190402

Abstract (en)

[origin: WO2019193493A1] Device for heating of asphalt and similar mixtures and repairs of asphalt surfaces wherein the device is provided with at least one microwave generator (38) and a control system, where the outlet chamber (35) is provided with at least one mixer (37), on which at least one deflector (12) is set. The deflectors are fixed on turning shaft (51) and have a circular shape, while the deflector plane forms an angle of 20 to 70 degrees with vertical plane. The rotary shaft for the deflectors is horizontal and deflectors fixed on it have different diameters, from 100 to 350 millimetres. The control system is linked partly with the device for measuring temperature of the heated mixture and/or repaired as full surface, and partly with drive of the turning shafts.

IPC 8 full level

E01C 23/14 (2006.01)

CPC (source: CZ EP)

E01C 19/08 (2013.01 - CZ); **E01C 23/14** (2013.01 - EP)

Citation (search report)

See references of WO 2019193493A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019193493 A1 20191010; CZ 2018159 A3 20191106; CZ 308031 B6 20191106; EP 3775382 A1 20210217; EP 3775382 B1 20231115; EP 3775382 C0 20231115

DOCDB simple family (application)

IB 2019052687 W 20190402; CZ 2018159 A 20180404; EP 19721826 A 20190402