Title (en)

BLOWER BOX FOR THERMAL PRESTRESSING OF GLASS PANES

Title (de)

BLASKASTEN ZUM THERMISCHEN VORSPANNEN VON GLASSCHEIBEN

Title (fr)

CAISSON DE SOUFFLAGE POUR LA TREMPE THERMIQUE DE VITRES

Publication

EP 3655367 A1 20200527 (DE)

Application

EP 18726164 A 20180528

Priority

- EP 17182540 A 20170721
- EP 2018063877 W 20180528

Abstract (en)

[origin: WO2019015835A1] The present invention relates to a blower box (1) for the thermal prestressing of glass panes, comprising - a stationary part having a cavity (2a) and a gas feed line (3) connected to the cavity (2) and - at least one closure element (5, 15) having a plurality of nozzles connected to the cavity (2) for applying an airflow to a surface of a glass pane (I), wherein - the at least one closure element (5, 15) is connected to the stationary part at least via a connection element (6) of variable length, and - the at least one closure element (5, 15) is movable relative to the stationary part so that the distance between the closure element and the stationary part is variable, and - the blower box (1) is equipped with means (7) for moving the at least one closure element (5, 15).

IPC 8 full level

C03B 27/04 (2006.01)

CPC (source: EP KR RU US)

B60J 1/00 (2013.01 - KR); **C03B 23/02** (2013.01 - KR); **C03B 27/0404** (2013.01 - EP KR RU US); **C03B 27/0442** (2013.01 - US); **C03B 35/14** (2013.01 - KR); B60J 1/00 (2013.01 - US); C03B 23/023 (2013.01 - US)

Citation (search report)

See references of WO 2019015835A1

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 2019015835 A1 20190124; BR 112019022414 A2 20200519; CA 3070116 A1 20190124; CN 109562974 A 20190402; DE 202018006726 U1 20220602; EP 3655367 A1 20200527; JP 2020527533 A 20200910; JP 6955082 B2 20211027; KR 102342004 B1 20211221; KR 20200019982 A 20200225; MA 49614 A 20200527; RU 2735597 C1 20201105; US 2021101822 A1 20210408

DOCDB simple family (application)

EP 2018063877 W 20180528; BR 112019022414 A 20180528; CA 3070116 A 20180528; CN 201880001347 A 20180528; DE 202018006726 U 20180528; EP 18726164 A 20180528; JP 2020502714 A 20180528; KR 20207001846 A 20180528; MA 49614 A 20180528; RU 2020102016 A 20180528; US 201816608010 A 20180528