

Title (en)

MICROWAVE HEATING GLASS BENDING PROCESS AND APPARATUS

Title (de)

MIKROWELLENHEIZGLASBIEGEVERFAHREN UND -VORRICHTUNG

Title (fr)

PROCESSUS ET APPAREIL DE BOMBAGE DU VERRE PAR CHAUFFAGE À MICRO-ONDES

Publication

EP 3331831 A1 20180613 (EN)

Application

EP 16736966 A 20160622

Priority

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- US 2016038738 W 20160622

Abstract (en)

[origin: WO2017023436A1] Methods and systems are provided for automated shaping of a glass sheet. The methods comprise preheating the glass, bending the glass through selective, and focused beam heating through the use of an ultra-high frequency, high-power electromagnetic wave, and computer implemented processes utilizing thermal and shape (positional) data obtained in real-time, and cooling the glass sheet to produce a glass sheet suitable for use in air and space vehicles.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017023436A1

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