

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
C03B 35/20 (2006.01); **C03B 23/025** (2006.01); **C03B 29/08** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2017023436A1

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US 2016038738 W 20160622; BR 112018002494 A 20160622; CA 2994524 A 20160622; CN 201680046080 A 20160622; EP 16736966 A 20160622; JP 2018505718 A 20160622; TW 105124671 A 20160803