

Title (en)

METHOD FOR THERMALLY TOUGHENING GLASS SHEETS, IN PARTICULAR TO BE USED AS MOTOR VEHICLE SIDE OR REAR WINDOWS

Publication

EP 0000268 B1 19810527 (EN)

Application

EP 78300071 A 19780623

Priority

GB 2636077 A 19770623

Abstract (en)

[origin: EP0000268A1] Method for thermally toughening glass sheets and glass sheets obtained by this method, in particular to be used as motor vehicle side or rear windows. <??>A method of thermally toughening glass sheets for use as motor vehicle side or rear windows so that the glass sheets produced conform to regulations specifying fracture requirements. <??>The glass sheets are advanced through a quenching station for gas quenching. The advance of the glass sheet relative to the flow of quenching gas is terminated for a predetermined time whereby localised gas flows are applied to the glass sheet. The method induces in the glass sheet a distribution of regions of more highly toughened glass interspersed with regions of lesser toughened glass.

IPC 1-7

C03B 27/00; B60J 1/08; B60J 1/18

IPC 8 full level

C03B 27/044 (2006.01); **C03B 27/048** (2006.01); **C03B 27/052** (2006.01)

CPC (source: EP US)

C03B 27/0404 (2013.01 - EP US); **C03B 27/0413** (2013.01 - EP US); **C03B 2225/02** (2013.01 - EP US); **Y10T 428/315** (2015.01 - EP US)

Cited by

EP0558912A1; EP0968970A3; EP1069085A3; EP0781730A3; US6094943A; GB2128602A; EP2343266A1; US8997521B2; EP2343266B2

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0000268 A1 19790110; **EP 0000268 B1 19810527**; DE 2860735 D1 19810903; IE 47501 B1 19840404; IE 781228 L 19781223; IT 1159745 B 19870304; IT 7868471 A0 19780622; JP S5433515 A 19790312; JP S6138132 B2 19860827; US 4178414 A 19791211

DOCDB simple family (application)

EP 78300071 A 19780623; DE 2860735 T 19780623; IE 122878 A 19780619; IT 6847178 A 19780622; JP 7555578 A 19780623; US 91655778 A 19780619