

Title (en)

METHOD AND DEVICE FOR PRODUCING EDGE CUTOUTS IN SHEET GLASS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON RANDAUSSCHNITTEN IN FLACHGLAS

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE PRODUIRE DES DÉCOUPES PÉRIPHÉRIQUES DANS DU VERRE PLAT

Publication

EP 2763828 A1 20140813 (DE)

Application

EP 12726336 A 20120515

Priority

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- AT 2012000134 W 20120515

Abstract (en)

[origin: WO2013036977A1] In order to produce a edge cutout (3), in particular a edge cutout (3) in the shape of a segment of a circle (3) in a glass pane (2), a cutting tool having a small cutting wheel (13) is used to produce a circular arc-shaped score line (16), the ends of which lie at the edge of the glass pane (2). By applying pressure to the region defined by the score line (16) from the face having the score line (16) and by counter-pressure from the face opposite the score line (16) in the region of the score line (16), the part of the glass pane (2) defined by the edge and the score line (16) is separated from the glass pane (2). A device for carrying out the method is provided, comprising the small cutting wheel (13) on a support (12) and a head (19) movable as required into an operative position in order to break out the portion in the shape of a segment of a circle (edge cutout (3)), and a punch (21) that can be extended from a support (1) for the glass pane (2) and engages on the face opposite the score line (16).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013036977A1

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