

Title (en)

WATER JET MACHINE FOR CUTTING FLAT GLASS

Title (de)

WASSERSTRAHLMASCHINE ZUM SCHNEIDEN VON FLACHGLAS

Title (fr)

MACHINE À JET D'EAU POUR LA COUPE DE VERRE PLAT

Publication

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Application

EP 16905699 A 20160802

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Abstract (en)

This request for an invention patent is oriented to the industrial sector and refers to a water jet cutting machine used in plate glass cutting, with the horizontal cut being made with high pressure focused water combined with abrasive elements in order to make holes and cutouts on plate glass. Its unique characteristic when compared to the water jet cutting machines existing in the market is the possibility of operating in an automated production line, with glass pieces feed, automatic shoulder milling and referencing. This format meets the demands of the glass market with high productivity and production standardization. The purpose of the water jet cutting machine for plate glass cutting is to drill holes and make cutouts in an automatic way, on or in plate glass with several lengths, widths and thicknesses, specially by means of positioning tools and machining (hole and/or cuts) functional movements, configured for the functionalities of the cutting head (4), input conveyor belts (2.1) and output conveyor belts (5.1), specially by the positioning and synchronized functional movements during the drilling or cutting of a specific piece.

IPC 8 full level

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