

Title (en)

SET OF DISCS FOR GRINDING THE EDGES OF GLASS PLATES

Title (de)

SET AUS PLATTEN ZUM SCHLEIFEN DER KANTEN VON GLASPLATTEN

Title (fr)

ENSEMBLE DE DISQUES DE MEULAGE DES BORDS DE PLAQUES DE VERRE

Publication

EP 3581331 A1 20191218 (EN)

Application

EP 18460034 A 20180613

Priority

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Abstract (en)

A set of discs for grinding the edges of a glass plate (5) has the form of round grinding discs, where in a set of diamond discs individual discs are provided in pairs and in each pair of the discs, each of the two discs cooperates with the opposite one of the two parallel edges of the glass plate (5), carried between said discs, where in the order of carrying the glass plate (5), the discs grinding the surfaces of the side edges of the glass plate comprise segment peripheral oscillating discs (1), discs chamfering the side edges of the glass plate (5) comprise cup discs (2.1,2.2), where the set of diamond discs comprises in the order of carrying the glass plate (5) to the set of discs: one pair of the segment peripheral oscillating discs (1) with an angle of cooperation of 0° with two surfaces of the side surface (5.1,5.2) of the plate (5), one pair of the rough cup discs (2.1) for chamfering both bottom edges of the glass plate (5), and one pair of the rough cup discs (2.2) for chamfering both upper edges of the glass plate (5). The set also comprises one pair of rough peripheral profile discs (3.1) for the rough profiling of the side surfaces (5.1,5.2) of the plate (5), one pair of finishing profile discs (3.2) for the finishing profiling of the side surfaces (5.1,5.2) of the plate (5), one pair of rough peripheral polishing discs (4.1) for the rough polishing of the side surfaces, one pair of finishing peripheral polishing discs (4.2) for the finishing polishing of the side surfaces (5.1,5.2) of the glass plate (5).

IPC 8 full level

B24B 9/10 (2006.01)

CPC (source: EP)

B24B 9/102 (2013.01)

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Designated contracting state (EPC)

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