

Title (en)  
MACHINE AND METHOD FOR PROCESSING PLATES

Title (de)  
MASCHINE UND VERFAHREN ZUR BEARBEITUNG VON PLATTEN

Title (fr)  
MACHINE ET PROCEDE POUR L'USINAGE DE PIECES PLATES

Publication  
**EP 3106275 A1 20161221 (EN)**

Application  
**EP 16174144 A 20160613**

Priority  
IT UB20151417 A 20150616

Abstract (en)  
A machine for processing plates, for example plates of glass, natural or synthetic stone material or slabs of wood or other suitable materials, comprises- a conveying device for advancing a plate (L) to be processed in a substantially vertical position along a first horizontal X direction, into and out from a processing station (W). The processing station (W) comprises at least a first plate machining head (H1) for machining the plate (L), movable along a second substantially vertical Y direction, and including a motorized spindle which can be coupled at least with a milling tool (U), which can be used to mill the plate (L) along a predetermined path, so as to form an opening (A1, A2) in the plate, with resulting removal of a portion of the plate (P) constituting a processing waste. The machine further comprises at least one suction-cup gripping member (V,S) for gripping said plate portion (P) constituting the processing waste, which can be activated by depression and is displaceable from a retracted position to an advanced position for engaging said plate portion (P) that must be removed as a result of said milling operation, before that the milling operation is terminated.

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Citation (applicant)  
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Citation (search report)  
• [A] EP 2719501 A1 20140416 - BIESSE SPA [IT]  
• [A] US 2010011927 A1 20100121 - LEE JAE-PIL [KR], et al

Cited by  
EP3888830A1; CN114789492A; IT202200017652A1; CN113953929A; US2017304982A1; US10702966B2; EP3392008A1; CN108724359A; IT201700044014A1; IT201700110165A1; IT202000007126A1; WO2024042559A1

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