Title (en)
Method and machine for sanding wooden panels

Title (de)
Verfahren und Maschine zum Schleifen von Holzplatten

Title (fr)
Procédé et machine pour le ponçage de panneaux en bois

Publication
EP 1669163 B1 20080319 (EN)

Application
EP 05111798 A 20051207

Priority
IT RN20040063 A 20041210

Abstract (en)
[origin: EP1669163A1] A method of tensioning and operating a belt is applied to a sanding machine comprising an endless abrasive belt (3) trained around an operating unit (2) equipped with an orbiting sanding platen (4) at the bottom of the unit. A roller (14) at the top of the unit (2) is supported by supports (15) and comprises rotational drive means (6). While it operates, the belt (3) is kept in the tensioned state by means (16) for lifting the roller (14), and the tensioned state holds the belt (3) against the active surface (5) of the platen (4). The turning of the belt (3) is enabled or inhibited by the rotation or stopping of the roller (14) during the steps of changing the working part (10) of the belt (3) and of sanding the panels (1), respectively. The kinematic coupling between the roller (14) and the belt (3) is achieved by the friction produced by the tensioning action.

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CPC (source: EP)
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Cited by
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