

Title (en)  
WOOD-PROCESSING MACHINE

Title (de)  
HOLZBEARBEITUNGSANLAGE

Title (fr)  
MACHINE-OUTIL À BOIS

Publication  
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Application  
**EP 16734580 A 20160616**

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Abstract (en)  
[origin: CA2985912A1] The invention relates to a wood-processing system, comprising a processing assembly (3), which contains a carrier (15), which can be moved in the direction of a second linear axis (Y axis) that is at a right angle to a first linear axis (X axis) and in the direction of a third linear axis (Z axis) that is at a right angle to the second linear axis and on which a processing unit (13) is arranged in such a way that the processing unit can be pivoted about three axes of rotation (A axis, B axis, C axis), which processing unit is designed as a motor spindle for holding at least one rotationally driven processing tool, wherein the processing unit (13) is arranged on the free end of an arm (23), which can be pivoted on the carrier (15) about a first axis of rotation (A axis) and a second axis of rotation (B axis) that is at a right angle to the first axis of rotation (A axis), in such a way that the processing unit can be pivoted about a third axis of rotation (C axis) spaced apart from the first axis of rotation (A axis). The arm (23) is arranged on a front carrier part (21) in such a way that the arm can be rotated 360° about the second axis of rotation (B axis), which front carrier part is arranged on a front end face (20) of the carrier (15) in such a way that the front carrier part can be rotated about the first axis of rotation (A axis), which is perpendicular to the first linear axis (X axis).

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