

Title (en)

METHOD AND GRINDING MACHINE FOR KNIFE GRINDING

Title (de)

VERFAHREN UND SCHLEIFMASCHINE ZUM MESSERSCHLEIFEN

Title (fr)

PROCÉDÉ ET AFFÛTEUSE DESTINÉE À L'AFFÛTAGE DES COUTEAUX

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019214837A1] The invention relates to a grinding machine (2) for grinding a blade (1a) of a knife (1) comprising a grinding wheel (3) which can rotate about an axis of rotation (D) having a grinding surface (3a) arranged on the front and/or the side and running in the circumferential direction (U), wherein the grinding surface (3a) has a rounded recess (3b) running in the circumferential direction (U), and comprises a knife guide (9) having a knife guidance means (9b, 9d, 9e), wherein the knife guidance means (9b, 9d, 9e) is designed and disposed for guiding the blade (1a) in such a manner that a blade tip (1c) of the blade (1a) substantially contacts the grinding surface (3a) at a grinding angle (β) and the blade tip (1c) thereby comes to rest in the rounded recess (3b) in the grinding surface (3a), to generate a rounded blade tip (1c) with a continuously running cutting edge (1b) with grinding angle (β).

IPC 8 full level

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