

Title (en)  
KNIFE AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
MESSER SOWIE VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
LAME ET SON PROCÉDÉ DE FABRICATION

Publication  
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Application  
**EP 13700864 A 20130114**

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Abstract (en)  
[origin: WO2013104789A1] The present invention relates firstly to a method for producing a helical knife (1), wherein the knife (1) is produced from hardenable steel and has a cutting leg (10) which has both a base surface (11) at a lower end and a cutting surface (12) at an upper end, wherein the cutting surface (12) has a cutting edge (9) along a front periphery (13), and secondly to a helical knife (1), wherein the knife (1) is produced from hardenable steel and has a cutting leg (10) which has both a base surface (11) at a lower end and a cutting surface (12) at an upper end, wherein the cutting surface (12) has a cutting edge (9) along a front periphery (13). In order to create a knife and a method for the production thereof, said knife having both stainless properties and sufficient hardness such that it is suitable in particular for use in leather processing, it is proposed according to the invention that a stainless steel be selected as the hardenable steel of the knife (1) and that a surface layer (2) of the knife (1) be enriched with carbon and subsequently hardened, such that the knife (1) has a surface layer (2) that is enriched with carbon and hardened.

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