

Title (en)  
PROCESS FOR PRODUCING A SKI EDGE.

Title (de)  
VERFAHREN FÜR DIE HERSTELLUNG EINER SKIKANTE.

Title (fr)  
PROCEDE DE FABRICATION D'UNE CARRE DE SKI.

Publication  
**EP 0601024 B1 19950301 (DE)**

Application  
**EP 92918428 A 19920826**

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Abstract (en)  
[origin: US5451276A] PCT No. PCT/EP92/01958 Sec. 371 Date May 10, 1994 Sec. 102(e) Date May 10, 1994 PCT Filed Aug. 26, 1992 PCT Pub. No. WO93/04742 PCT Pub. Date Mar. 18, 1993. A process is disclosed for producing a ski edge made of quenched and subsequently tempered steel having a head (2) that comprises the running surface and a flank (4) that projects into the body of the ski. The profiled edge (1) is at first rolled, then quenched and subsequently tempered over its whole cross-section. Afterwards, the flank (4) is partially tempered and provided in a separate operation with punched out openings. In order to obtain with this process a totally straight ski edge, the deviation in Rockwell hardness, seen in the direction of the cross-section and length of the profiled edge is set at less than 2 DEG HRC during quenching and subsequent tempering of the whole profiled edge. The warming-up temperature and duration during partial warming-up of the edge are the same over the whole length of the profile edge and the profiled edge is subjected to a constant bending strain before being punched.

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IPC 8 full level  
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CPC (source: EP US)  
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**US 5451276 A 19950919**; AT E119052 T1 19950315; DE 4218099 A1 19930304; DE 4218099 C2 19930805; EP 0601024 A1 19940615; EP 0601024 B1 19950301; JP 3283513 B2 20020520; JP H07500739 A 19950126; WO 9304742 A1 19930318

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