

Title (en)

WORKPIECE HOLDER AND METHOD FOR WIRE SAWING

Title (de)

WERKSTÜCKHALTERUNG UND VERFAHREN ZUM DRAHTSÄGEN

Title (fr)

SUPPORT DE PIÈCE À USINER ET PROCÉDÉ POUR SCIER AU FIL

Publication

**EP 1819473 A1 20070822 (DE)**

Application

**EP 04822533 A 20041210**

Priority

EP 2004014108 W 20041210

Abstract (en)

[origin: WO2006061043A1] The invention relates to a method and to a device for separating a workpiece (1, 21) by means of a wire saw, wherein a workpiece (1, 21) is fixed to the wire saw by means of a sawing strip (2, 22). According to the inventive method, the formation of a groove or an indentation on the separating surface, along the separating gap on the crossing of the workpiece (1, 21) on the sawing strip (2, 22) is displaced towards the edge of the separating surface or completely prevented. The workpiece (1, 21) is maintained in the wire saw during the separating process by means of a sawing strip (2, 22) in such a manner that one of the two piercing points (9; 29) is arranged on the surface of the workpiece (1; 21) and also the other (10; 30) of the two piercing points (9, 10; 29, 30) is arranged on the surface of the sawing bar (2; 22), and the piercing point which is arranged on the surface of the workpiece is the inlet side piercing point.

IPC 8 full level

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