

Title (en)

SAWING TOOL FOR A CIRCULAR HANDSAW MACHINE WITH TWO COAXIAL SAWING BLADES WHICH CAN BE DRIVEN IN OPPOSITE DIRECTIONS AND ROTATE PAST EACH OTHER

Title (de)

SÄGEWERKZEUG FÜR EINE HANDKREISSÄGEMASCHINE MIT ZWEI ANEINANDER VORBEIDREHENDEN, GEGENLÄUFIG ANTREIBBAREN, KOAXIALEN SÄGEBLÄTTERN

Title (fr)

OUTIL DE SCIAGE POUR UNE SCIE CIRCULAIRE MECANIQUE PORTATIVE PRESENTANT DEUX LAMES DE SCIE COAXIALES, POUVANT FONCTIONNER EN SENS OPPOSE ET TOURNANT DIRECTEMENT L'UNE A COTE DE L'AUTRE

Publication

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Application

**EP 01974049 A 20010915**

Priority

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Abstract (en)

[origin: WO0243912A1] The invention relates to a sawing tool for a circular handsaw machine with two coaxial sawing blades (11, 12) which can be driven in opposite directions and rotate past each other, said blades respectively having external teeth (13, 14) representing a main cutter. The aim of the invention is to improve the quality of the cut even when the cutter becomes increasingly worn and to avoid problems with the teeth (13,14) when the sawing blades (11,12) do not operate in an exactly planar manner. To achieve this, an additional cutter (10) is arranged between both sawing blades (11,12) so that a web of material (171) optionally remaining inside the saw-cut between the sawing blades (11,12) can be worked. Said web is rotationally fixed to one of the sawing blades (11,12) and has an axial overlap with the main cutters.

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IPC 8 full level

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