

Title (en)

Pipe milling tool blade and method of dressing same.

Title (de)

Blatt für ein Rohrschneidwerkzeug und Verfahren zu dessen Herrichtung.

Title (fr)

Lame pour outil de découpage de tubes et procédé pour son montage.

Publication

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Application

EP 89304524 A 19890505

Priority

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- GB 8822134 A 19880921

Abstract (en)

A blade (8) for a pipe milling tool having a body (1) and a longitudinal axis (100) has a plurality of slots (12) extending both in a generally radial direction and in an intended direction of rotation of the milling tool about the longitudinal axis. Located in each slot (12) is at least one cutting element (13), the slot and the cutting element both having a greater depth in the blade in the intended direction of rotation than height in the longitudinal axis direction. The provision of such dimensions for the slot and cutting element affords the blade with improved life. The cutting element may each have a negative axial rake angle (A) and the cutting elements are preferably brazed in each of the slots. In a preferred embodiment the slots and the cutting elements are both similarly decreasingly tapered from a forward (leading) face (221) to a rearward face (218) with respect to the intended direction of rotation of the tool by an angle in the range 1 DEG to 20 DEG .

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CPC (source: EP)

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Citation (search report)

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