

Title (en)

CUTTING LINES FOR CUTTING LAMINAR MATERIALS

Title (de)

SCHNEIDLINIEN ZUM SCHNEIDEN VON FLÄCHIGEN MATERIALIEN

Title (fr)

LAMES DE COUPE POUR COUPER DES MATÉRIAUX PLATS

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Application

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Abstract (en)

[origin: WO2009121383A1] The present invention relates to a cutting line (1) comprising a steel band (10) having a cutting edge (20), a back of the steel band (10) opposite the cutting edge (20), wherein the back (30) comprises protrusions (32) that can be plastically deformed upon first use of the cutting line (1), and the protrusions (32) substantially comprise a height h of 30% - 70% of the thickness D of the steel band (10). The present invention further relates to a cutting line (1) comprising a steel band (10) having a cutting edge (20), a back (30) of the steel band (10) opposite the cutting edge (20), wherein the back (30) comprises protrusions (32) that can be plastically deformed upon first use of the cutting line (1), and the protrusions (32) are generated in the back (30) by milling or grinding recesses (36) in the transverse direction Q of the steel band (10); and a cutting line (1), the back (30) of which is edge decarburized, in order to be able to deform plastically upon first use of the cutting line (1).

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