

Title (en)

Doctor or coater blade and methods for their manufacture

Title (de)

Rakel oder Streichklinge und Verfahren zu deren Herstellung

Title (fr)

Lame de raclage ou de couchage et méthodes pour leur fabrication

Publication

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Application

EP 04820548 A 20041210

Priority

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Abstract (en)

[origin: WO2005059246A1] The invention relates to an edge-provided tool, such as a doctor blade, for use as wiping tool in the production of pulp and/or paper in different stages of the production process. It consists of an edge-provided strip of steel, the edge portion of which has been provided with a wear-resistant coating applied by means of laser technique, so that metallurgical binding is present between said coating and the steel strip, whereby a level of surface hardness of more than 850 HV being attained. Thereby, wear-resistant doctor blades having a long service life have been obtained.

IPC 8 full level

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