

Title (en)

DEVICE AND METHOD FOR MECHANICALLY REMOVING SURFACE COATINGS BY MEANS OF COLDNESS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM KÄLTEUNTERSTÜTZTEN MECHANISCHEN ENTFERNEN VON OBERFLÄCHENBESCHICHTUNGEN

Title (fr)

DISPOSITIF ET PROCEDE D'ELIMINATION MECANIQUE ASSOCIEE AU FROID DE REVETEMENTS DE SURFACE

Publication

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Application

EP 00960649 A 20000912

Priority

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Abstract (en)

[origin: DE19946957C1] Apparatus comprises a cooling unit with a nozzle for directing a jet of cooling agent (carbon dioxide, for example) onto the coating to embrittle it. The apparatus (1) for removal of a coating (21) from a substrate (10) includes a tool (2) with an element (12) capable of subjecting the coating to mechanical impacts. It additionally includes a cooling unit (3) which is connectable to a cooling agent source, and is provided with a nozzle (18) for directing a jet of the cooling agent (carbon dioxide, for example) to the substrate to embrittle the coating to be removed. An Independent claim is also included for a method to be used with the proposed apparatus. It involves embrittling of the coating material through low temperatures.

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IPC 8 full level

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CPC (source: EP)

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