

Title (en)

TURBINE BLADE OF A TURBINE STAGE OF A STEAM TURBINE AND ROTOR BLADING OR GUIDE BLADING OF A TURBINE STAGE OF A STEAM TURBINE

Title (de)

TURBINENSCHAUFEL EINER TURBINENSTUFE EINER DAMPFTURBINE SOWIE LAUFBESCHAUFELUNG ODER LEITBESCHAUFELUNG EINER TURBINENSTUFE EINER DAMPFTURBINE

Title (fr)

AUBE D'UN ÉTAGE DE TURBINE À VAPEUR ET AUBAGE MOBILE OU AUBAGE DIRECTEUR D'UN ÉTAGE DE TURBINE À VAPEUR

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Application

EP 10775773 A 20101028

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- EP 2010066299 W 20101028

Abstract (en)

[origin: WO2011051362A2] The invention relates to a turbine blade (1) of rotor blading or guide blading of a turbine stage, in particular of a turbine output stage, of a steam turbine, wherein at least sections of the turbine blade (1) are composed of metal or fiber composite material, wherein at least in sections a highly elastic elastomeric coating (3) is arranged on the upper blade side and/or in the turbine blade (1), and at least in sections a metal coat (4) is provided on the upper blade surface, in particular on the highly elastic elastomeric coating (4), wherein the metal coat (4) is a thin, energy-absorbing metal coating. The invention further relates to rotor blading or guide blading of a turbine stage, in particular the output stage blading, of a steam turbine, which is characterized in that the rotor blading or guide blading comprises a plurality of turbine blades (1) designed in this way.

IPC 8 full level

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