

Title (en)

DEVICE AND METHOD FOR PRODUCING A MULTIPLICITY OF GROOVES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ERZEUGUNG EINER VIELZAHL VON FURCHEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR PRODUIRE UNE PLURALITÉ DE RAINURES

Publication

EP 3941679 A1 20220126 (DE)

Application

EP 20713262 A 20200319

Priority

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Abstract (en)

[origin: CA3134472A1] A laser machining device (100) for producing a multiplicity of grooves in a surface (110) has an optical diffraction arrangement (102), which is designed for receiving laser radiation (104) and for then producing output radiation (106), wherein the output radiation (106) has a multiplicity of intensity maxima. An actuator arrangement (108) is provided for producing a relative movement between the output radiation (106) and the surface (110), wherein each intensity maximum produces a groove of the multiplicity of furrows.

IPC 8 full level

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