

Title (en)

A METHOD OF CUTTING BY LASER AND GAS COMPOSITION FOR USE IN SUCH CUTTING

Title (de)

SCHNEIDVERFAHREN MITTELS LASER UND DABEI VERWANDTES GASGEMISCH

Title (fr)

PROCEDE DE COUPE AU LASER ET COMPOSITION DE GAZ UTILE POUR CE PROCEDE

Publication

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Application

**EP 96902543 A 19960130**

Priority

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- SE 9500347 A 19950131

Abstract (en)

[origin: WO9623624A1] A method of laser-beam cutting stainless steel, other high-alloy steel materials, and aluminium or aluminium alloys while using nitrogen as a cutting gas. According to the method, there is used nitrogen which contains oxygen in a small amount corresponding to 0.1-10 volume-%. The oxygen content is preferably 0.5-5.0 volume-%. The invention also relates to a gas composition for use when carrying out the method.

IPC 1-7

**B23K 35/38**; **B23K 26/14**

IPC 8 full level

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Citation (search report)

See references of WO 9623624A1

Citation (third parties)

Third party :

WO 9533594 A1 19951214 - AMADA CO LTD [JP], et al

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