

Title (en)

LASER MACHINING EQUIPMENT HAVING A COMMON GAS SOURCE FOR THE LASER OSCILLATOR AND HEAD

Title (de)

LASERVERARBEITUNGSAUSRÜSTUNG MIT EINER GEMEINSAMEN GASQUELLE FÜR DEN LASEROSZILLATOR UND DEN -KOPF

Title (fr)

INSTALLATION D'USINAGE LASER AVEC SOURCE DE GAZ COMMUNE POUR L'OSCILLATEUR ET LA TÊTE LASER

Publication

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Application

EP 11705643 A 20110121

Priority

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Abstract (en)

[origin: WO2011101566A1] The invention relates to a laser machining equipment including a laser oscillator (1) for generating a laser beam, a laser head (3) through which the laser beam passes, an optical path (2) for conveying the laser beam between the laser oscillator (1) and the laser head (3), and a gas source (9) fluidly connected to the laser head (3) via a main gas pipe (8). In addition, a second pipe (18) fluidly connects said gas source (9) to the laser oscillator (1). The equipment therefore comprises a common gas source for the laser oscillator (1) and head (3). The gas is preferably nitrogen.

IPC 8 full level

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Citation (search report)

See references of WO 2011101566A1

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