

Title (en)
LASER MACHINING SYSTEM COMPRISING A DEVICE FOR CONTROLLING AND ADJUSTING THE COMPOSITION OF THE PROCESS GAS

Title (de)
LASERBEARBEITUNGSANLAGE MIT EINER EINRICHTUNG ZUR STEUERUNG UND ANPASSUNG DER ZUSAMMENSETZUNG DES PROZESSGASES

Title (fr)
INSTALLATION D'USINAGE LASER DOTEES D'UN DISPOSITIF PERMETTANT DE REGLER ET D'ADAPTER LA COMPOSITION DU GAZ DE PROCEDE

Publication
EP 1904261 A1 20080402 (DE)

Application
EP 05762309 A 20050702

Priority
EP 2005007167 W 20050702

Abstract (en)
[origin: WO2007003211A1] Disclosed is a laser machining system (1) comprising a laser machining apparatus, a gas supply unit (10), and a gas mixing unit (13). A device (12) for controlling and adjusting the composition of the process gas used for laser machining is also provided. Said device (12) is equipped with a data memory for technology tables, with the aid of which the composition of the process gas is controlled and adjusted.

IPC 8 full level
B23K 26/12 (2006.01); **B23K 26/14** (2006.01); **G05B 19/408** (2006.01)

CPC (source: EP US)
B23K 26/123 (2013.01 - EP US); **B23K 26/125** (2013.01 - EP US); **B23K 26/142** (2015.10 - EP US)

Citation (search report)
See references of WO 2007003211A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007003211 A1 20070111; EP 1904261 A1 20080402; US 2008205471 A1 20080828

DOCDB simple family (application)
EP 2005007167 W 20050702; EP 05762309 A 20050702; US 99446505 A 20050702