

Title (en)  
LASER WELDING SYSTEM AND METHOD

Title (de)  
LASERSCHWEISSSYSTEM UND VERFAHREN

Title (fr)  
SYSTEME ET PROCEDE DE SOUDAGE PAR FAISCEAU LASER

Publication  
**EP 1910014 A1 20080416 (EN)**

Application  
**EP 06765880 A 20060626**

Priority  
• IB 2006052100 W 20060626  
• US 69507205 P 20050629

Abstract (en)  
[origin: WO2007000717A1] A laser welding system and method, the system for welding a target and having an optical axis including a source (22) of a laser beam (24), a rotatable diffraction grating (26) converting the laser beam (24) to a pair of laser spots (32) rotating about the optical axis (30), and a lens (28) focusing the pair of laser spots (32) on the target (34).

IPC 8 full level  
**B23K 26/067** (2006.01); **B23K 26/22** (2006.01)

CPC (source: EP KR)  
**B23K 26/067** (2013.01 - EP); **B23K 26/0676** (2013.01 - EP); **B23K 26/22** (2013.01 - EP KR); **B23K 26/244** (2015.10 - KR)

Citation (search report)  
See references of WO 2007000717A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2007000717 A1 20070104**; CN 101291774 A 20081022; EP 1910014 A1 20080416; JP 2008544859 A 20081211; KR 20080017057 A 20080225

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**IB 2006052100 W 20060626**; CN 200680023790 A 20060626; EP 06765880 A 20060626; JP 2008519062 A 20060626; KR 20077030407 A 20071226