

Title (en)  
REGULATING OR CONTROL DEVICE FOR IGNITION GAS

Publication  
**EP 0355392 A3 19910313 (DE)**

Application  
**EP 89113107 A 19890718**

Priority  
DE 3827750 A 19880816

Abstract (en)  
[origin: EP0355392A2] The ignition gas mixture emerging from a flame cutter (10) is adjusted by means of separate control or regulating device (7), independently of the heating flame gases necessary for the flame cutting. In this arrangement, the ignition time can be reduced and reliable ignition of the ignition gas mixture guaranteed if the ignition gas mixture flows at an increased rate or at an increased pressure into the vicinity of the ignition point, and is adjusted only at that point by means of a regulating or control element (29, 30) to the necessary rate or to the necessary pressure.  
<IMAGE>

IPC 1-7  
**F23D 14/60**; **F23D 14/42**

IPC 8 full level  
**F23D 14/42** (2006.01); **F23D 14/60** (2006.01)

CPC (source: EP)  
**F23D 14/42** (2013.01); **F23D 14/60** (2013.01)

Citation (search report)  
• [AD] DE 3527955 A1 19870212 - MESSER GRIESHEIM GMBH [DE]  
• [A] DE 3624504 C1 19880211 - MESSER GRIESHEIM GMBH  
• [A] US 1832319 A 19311117 - QUELCH GEORGE C

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US2023250954A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0355392 A2 19900228**; **EP 0355392 A3 19910313**; DE 3827750 A1 19900419; DE 3827750 C2 19900719

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**EP 89113107 A 19890718**; DE 3827750 A 19880816