

Title (en)
TORCH FOR CUTTING, WELDING OR HEATING

Publication
EP 0073168 A3 19840725 (FR)

Application
EP 82401545 A 19820817

Priority
• JP 2050482 U 19820215
• JP 2808782 U 19820226
• JP 12896981 A 19810818

Abstract (en)
[origin: US4433358A] A torch provided with an automatic igniting device by which the combustible gas mixture needed for cutting, welding or heating metals can be ignited easily, reliably and with proper timing by manipulating a valve which must invariably be opened for feeding the pressure fluid to be used and effectively utilizing the pressure energy of the fluid for ignition. The automatically ignitable torch has outstanding advantages in respect of construction, fabrication, cost and durability.

IPC 1-7
F23Q 3/00; **F23D 13/24**

IPC 8 full level
F23D 14/38 (2006.01); **F23Q 3/00** (2006.01)

CPC (source: EP US)
F23D 14/38 (2013.01 - EP US); **F23Q 3/002** (2013.01 - EP US)

Citation (search report)
• [XP] GB 2086023 A 19820506 - KAGAWA SEIJI
• [A] FR 2234525 A1 19750117 - MERCER ALAN [US]
• [A] DE 2156216 A1 19730517 - MARET GMBH WERNER
• [A] DE 1778735 A1 19710902 - HEIMO GERAETEBAU GMBH
• [XP] PATENTS ABSTRACTS OF JAPAN, volume 6, no. 1,3 (M 138)[991], 24 juin 1982, & JP - A - 57 - 41 522 (SEIJI KAGAWA) 08-03-1982
• [XP] PATENTS ABSTRACTS OF JAPAN, volume 6, no. 157 (M1-50)(1035) 18 août 1982 & JP - A - 57 73 324 (SEIJI KAGAWA) 08-05-1982

Cited by
EP0093053A3; EP0093048A3; FR2588358A1

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

DOCDB simple family (publication)
EP 0073168 A2 19830302; **EP 0073168 A3 19840725**; US 4433358 A 19840221

DOCDB simple family (application)
EP 82401545 A 19820817; US 40850682 A 19820816