Title (en)
Device for injecting a fluid in a channel

Title (de)
Vorrichtung zur Einleitung eines Fluides in einen Kanal

Title (fr)
Dispositif pour injecter un fluide dans un conduit

Publication
EP 1001216 A1 20000517 (DE)

Application
EP 98121405 A 19981111

Priority
EP 98121405 A 19981111

Abstract (en)
The fluid entry device (1) has a disc (2) extending across the flow channel (34), provided with a number of perpendicular openings (19) extending between its opposite surfaces (4), communicating with respective fluid paths (15), extending parallel to the disc surfaces, via which the fluid is supplied. The disc may be provided by a pair of facing plates, with the fluid paths provided between their facing surfaces which are welded together.

Abstract (de)
Die Erfindung betrifft eine Vorrichtung (1) zur Einleitung eines Fluides (24), insbesondere Brennstoff, in einen Kanal (34), insbesondere in einen Luftkanal. Über Fluidwege (15) in einer quer zum Kanal (34) angeordneten Scheibe (2) gelangt das Fluid (24) zu senkrecht durch die Scheibe (2) führenden Öffnungen (19) und tritt dort gemeinsam mit einem durch den Kanal (34) strömenden Medium (20) aus. Es ergibt sich eine gleichmäßige Einleitung des Fluides (24) über den Kanalquerschnitt. <IMAGE>

IPC 1-7
F23D 14/22; F23D 11/10; F23D 17/00

IPC 8 full level
F23D 11/10 (2006.01); **F23D 14/22** (2006.01); **F23D 17/00** (2006.01)

CPC (source: EP)
F23D 11/106 (2013.01); **F23D 14/22** (2013.01); **F23D 17/00** (2013.01)

Citation (applicant)
EP 0580683 A1 19940202 - SIEMENS AG [DE]

Citation (search report)
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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