

Title (en)
FLUID MICROJET SYSTEM

Title (de)
FLÜSSIGKEITS-MIKROSTRAHLSYSTEM

Title (fr)
SYSTÈME DE MICROJET DE FLUIDES

Publication
EP 2247762 A1 20101110 (EN)

Application
EP 09706761 A 20090202

Priority
• IB 2009050406 W 20090202
• EP 08001981 A 20080202
• EP 09706761 A 20090202

Abstract (en)
[origin: EP2085489A1] A device for generating fluid micro streams comprises a body portion with a fluid supply cavity therein and a plurality of fluid micro channels interconnecting the fluid supply cavity with an external outlet face of the body portion, the body portion being formed from a plurality of stacked plates, said micro channels being formed at interfaces of at least certain of said stacked plates. The micro channels have an oblong cross-sectional profile over a certain section leading to the outlet face, with a major width that is greater than two times a minor width thereof, where the minor width is less than 200 µm.

IPC 8 full level
C21D 1/667 (2006.01); **A23L 3/375** (2006.01); **B21B 45/02** (2006.01); **F25D 3/11** (2006.01)

CPC (source: EP US)
C21D 1/667 (2013.01 - EP US); **F25D 3/11** (2013.01 - EP US); **F28F 13/06** (2013.01 - EP US); **B21B 45/0233** (2013.01 - EP US); **F28F 2260/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2009095896A1

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2085489 A1 20090805; EP 2247762 A1 20101110; US 2011005737 A1 20110113; WO 2009095896 A1 20090806

DOCDB simple family (application)
EP 08001981 A 20080202; EP 09706761 A 20090202; IB 2009050406 W 20090202; US 73559209 A 20090202