

Title (en)

Nozzle with intersecting liquid jets

Title (de)

Düse mit sich schneidenden Flüssigkeitsstrahlen

Title (fr)

Buse à jets de fluides croisés

Publication

EP 1527820 A1 20050504 (EN)

Application

EP 04025521 A 20041027

Priority

US 51535603 P 20031028

Abstract (en)

A liquid fan jet nozzle (1) having a housing (2) with a central passage (3) having an inlet and an outlet. A subnozzle (6) is arranged in the central passage (3) and has two round orifices (8) arranged along converging axes so that round liquid jets exiting the round orifices (8) collide at a distance from the orifices and form a fan-shaped jet (5).

IPC 1-7

B05B 1/04; **B05B 1/02**

IPC 8 full level

B05B 1/02 (2006.01); **B05B 1/04** (2006.01); **F23D 11/10** (2006.01); **B05B 7/08** (2006.01)

CPC (source: EP US)

B05B 1/04 (2013.01 - EP US); **B05B 7/0807** (2013.01 - EP US)

Citation (search report)

- [X] DE 2928698 A1 19810219 - NAT RES DEV
- [X] EP 1215447 A2 20020619 - BARTELS MIKROTECHNIK GMBH [DE]
- [A] EP 0119338 A1 19840926 - JETIN IND LTD [GB]
- [A] DE 2225463 A1 19731206 - BENDIX CORP

Cited by

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DOCDB simple family (application)

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