

Title (en)
DISPERSING DEVICE

Title (de)
DISPERGIERVORRICHTUNG

Title (fr)
DISPERSEUR

Publication
EP 1638675 A1 20060329 (DE)

Application
EP 04730991 A 20040504

Priority
• EP 2004004741 W 20040504
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Abstract (en)
[origin: US2006109738A1] A dispersing device for dispersing, homogenizing and mixing fluidic multi-component systems and for dispersing, homogenizing, mixing and micronizing solids includes a nozzle body, two inlet nozzle assemblies and two outlet nozzle assemblies which are received in the nozzle body. These nozzle assemblies are connected to a central inner space of the nozzle body via corresponding bores. The inner space can have a circular, quadratic, rectangular or elliptical cross-section. The inlet nozzle assemblies and the outlet nozzle assemblies are provided in pairs, whereby at least one pair of inlet nozzle assemblies and one pair of outlet nozzle assemblies are provided, although an odd number of inlet nozzle assemblies and outlet nozzle assemblies can also be provided, e.g. 3, 5 or 7.

IPC 1-7
B01F 5/00; **B01J 19/00**; **B01J 19/26**; **B01J 19/02**; **B01F 13/10**

IPC 8 full level
B01F 5/00 (2006.01); **B01F 5/02** (2006.01)

CPC (source: EP US)
B01F 25/105 (2022.01 - EP US); **B01F 25/23** (2022.01 - EP US); **B01F 25/27** (2022.01 - EP US); **B01F 2215/0422** (2013.01 - EP US); **B01F 2215/0431** (2013.01 - EP US); **B01F 2215/0468** (2013.01 - EP US); **Y10T 137/87249** (2015.04 - EP US)

Citation (search report)
See references of WO 2004098758A1

Cited by
WO2021259898A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2006109738 A1 20060525; **US 7563019 B2 20090721**; AT E435062 T1 20090715; DE 20306915 U1 20030807; DE 502004009694 D1 20090813; EP 1638675 A1 20060329; EP 1638675 B1 20090701; WO 2004098758 A1 20041118

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