

Title (en)  
CROSS-ARM MIXING NOZZLE

Title (de)  
KREUZBALKENMISCHDÜSE

Title (fr)  
RAMPE DE BUSES MELANGEUSES CRUCIFORME

Publication  
**EP 1001841 A1 20000524 (DE)**

Application  
**EP 98943781 A 19980724**

Priority  
• DE 19733973 A 19970806  
• EP 9804656 W 19980724

Abstract (en)  
[origin: WO9907461A1] A device for dosing and mixing fluid media has a pipe (2) with an inner diameter  $D_i$  (9) through which a first medium can flow, and at least two tubular means (3) arranged in the pipe (2) and having an outer diameter  $D_a$  (6) for mixing a second medium with the first medium. The device is characterised in that the at least two means (3) have each one or more openings (8) through which the second medium can be mixed with the first medium, the at least two means (3) having a polygonal cross-section and being arranged in a cross-shape one behind the other in the flow direction at a distance (5) of maximum  $10 \cdot D_a$ .

IPC 1-7  
**B01F 5/00**

IPC 8 full level  
**B01F 5/04** (2006.01)

CPC (source: EP)  
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DE

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