

Title (en)
Fluid mixing

Title (de)
Mischen von Fluiden

Title (fr)
Mélange de fluides

Publication
EP 0882495 A1 19981209 (EN)

Application
EP 98304498 A 19980608

Priority
GB 9711719 A 19970606

Abstract (en)
A fluid mixing device comprises a housing (1) defining a T-shaped conduit with first (2) and second (3) inlets and an outlet (4). The first inlet (2) and the outlet (4) are disposed in parallel with the second inlet (3) perpendicular thereto. At the intersection of the T-junction there is a mixing tee (5) comprising a conduit (6) that connects the first inlet (2) to the outlet (4) and a dispersion ring (7) supported on a terminal portion of the conduit (6) in the outlet (4). The dispersion ring (7) has a primary aperture (8) in a central portion thereof which passes fluid from the conduit (6) and a plurality of peripheral apertures (9) that are equiangularly spaced and in communication with the first inlet (2). The device provides for improved fluid mixing.
<IMAGE>

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IPC 8 full level
B01F 5/04 (2006.01)

CPC (source: EP)
B01F 25/3131 (2022.01)

Citation (search report)
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