Title (en)
APPARATUS FOR MIXING A FIRST FLUID INTO A SECOND FLUID

Title (de)
VORRICHTUNG ZUM MISCHEN EINER ERSTEN FLÜSSIGKEIT IN EINE ZWEITE FLÜSSIGKEIT

Title (fr)
APPAREIL DESTINE A MELANGER UN PREMIER FLUIDE AVEC UN SECOND FLUIDE

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Application
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Abstract (en)
[origin: WO9521016A1] The invention relates to an apparatus for mixing a first fluid into a second fluid, which apparatus (A) comprises: a housing (1) having a flow chamber (39) for the said second fluid; a flow restrictor member (6) in the flow chamber; and means (18) for introducing the said first fluid into at least one gap (15, 16) between the flow restrictor member and those walls (5, 10) of the flow chamber (39) facing towards the flow restrictor member. The characteristic features of the invention are: that the flow restrictor member, in a plane transversely to the principal flow direction (31) of the second fluid, as well as the said flow chamber in the same plane, has the essential shape of a wedge; that between each of those two sides of the flow restrictor member which converge in a wedge shape and those walls of the wedge-shaped chamber facing towards the flow restrictor member there is a gap (15, 16); and that the said means (18) for introducing the said first fluid are disposed in the region of these two gaps.

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