

Title (en)
GAS-INTRODUCTION DEVICE

Title (de)
BEGASUNGSEINRICHTUNG

Title (fr)
DISPOSITIF D'INTRODUCTION DE GAZ

Publication
EP 0734288 B1 19970813 (DE)

Application
EP 95902062 A 19941210

Priority
• DE 9401466 W 19941210
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Abstract (en)
[origin: US5676890A] PCT No. PCT/DE94/01466 Sec. 371 Date Jun. 11, 1996 Sec. 102(e) Date Jun. 11, 1996 PCT Filed Dec. 10, 1994 PCT Pub. No. WO95/16514 PCT Pub. Date Jun. 22, 1995 Described is a gas-introduction device designed to introduce a gas into a liquid. The device comprises at least one gas-feed manifold (10) and a multiplicity of tubular feed-in elements (12) which are open at the free end. Each feed-in element is surrounded by a perforated tubular membrane (14). A gas-supply line in each feed-in element terminates in the vicinity of the membrane. Each feed-in element comprises two support elements (46, 48) extending out from a central element. The central element has a flange which is designed to be fastened to the outside of the gas-feed manifold. A gas-supply line leads from a bore in the gas-feed manifold, via a central line (26) and two branch lines (28) leading off the central line (26), into longitudinal grooves behind the membrane. The central line and the branch lines are located in the central element. The feed-in element is a monobloc construction including the central element and the membrane-support elements.

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Cited by
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US 5676890 A 19971014; AU 1105995 A 19950703; AU 684325 B2 19971211; CN 1063676 C 20010328; CN 1136284 A 19961120; DE 59403754 D1 19970918; EP 0734288 A1 19961002; EP 0734288 B1 19970813; ES 2107903 T3 19971201; GR 3025353 T3 19980227; JP 3634369 B2 20050330; JP H09508849 A 19970909; RU 2132722 C1 19990710; WO 9516514 A1 19950622

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