

Title (en)
Submersible pump assembly

Title (de)
Tauchpumpenaggregat

Title (fr)
Unité de pompe submersible

Publication
EP 0599204 B1 19970122 (DE)

Application
EP 93118605 A 19931118

Priority
DE 4239071 A 19921120

Abstract (en)
[origin: EP0599204A1] The submersible-pump (submerged-pump) assembly (unit) essentially consists of an electric motor (1) and a centrifugal pump driven thereby, which are arranged coaxially in a common casing (2). It has an inlet port (15) and an outlet port constructed as a discharge nozzle (16). Concentrically with the impeller (10) there runs a casing wall (21) which surrounds the impeller and has a fillet (18) which forms a stagnation zone for the discharge-side flow. Adjoining in or near this stagnation zone there is a duct (17), for example in the form of a pipe, which runs to the discharge nozzle (16). <IMAGE>

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IPC 8 full level
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CPC (source: EP)
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