

Title (en)

Pumping assembly made of a flow machine and drive motor

Title (de)

Förderaggregat aus einer Strömungsarbeitsmaschine und aus einem Antriebsmotor

Title (fr)

Dispositif de pompage constitué d'une machine à écoulement et d'un moteur

Publication

EP 0522324 B2 19980902 (DE)

Application

EP 92110180 A 19920617

Priority

DE 4122487 A 19910706

Abstract (en)

[origin: EP0522324A1] The pumping unit described comprises a flow machine (2) having one or more rotors (5) and an electric drive motor (3) therefor. The shaft (6) of the motor (3), on the side facing the flow machine (2), is secured axially and radially by means of a bearing plate (8). For the purpose of simple and rapid sectional dismantling and reassembly of the pumping unit by unskilled personnel without using tools, at least two of the assemblies comprising bearing plate (8), motor casing (12) and housing (4) of the flow machine (2) in question are each provided with a component bayonet formation (18, 19). Furthermore, a single-piece or multi-piece ring body (13), which holds these group components together, is provided with inner (16) and outer (17) component bayonet formations, which interact with the first-mentioned bayonet formations. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

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