

Title (en)
PUMP ASSEMBLY

Title (de)
PUMPENANORDNUNG

Title (fr)
ENSEMBLE DE POMPE

Publication
EP 3670919 A1 20200624 (EN)

Application
EP 18214652 A 20181220

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Abstract (en)
The present disclosure is directed to a pump assembly (1) comprising- a rotor shaft extending along a rotor axis (R),- a pump base (3),- a pump housing (5),- a motor housing (9) enclosing a motor for driving the rotor shaft, and- motor stool (7) comprising a motor coupling portion (13) and a pump coupling portion (15), wherein the pump housing (5) encloses one or more impeller stages (10) arranged between the motor stool (7) and the pump base (3), wherein the motor stool (7) is clamped to the pump base (3) by at least two tie rods (17), wherein the motor stool (7) comprises at least two fixation protrusions (39) each having a protrusion end (41) in the motor coupling portion (13), wherein each of the tie rods (17) is fixed to the motor stool (7) by way of a fastener (37) at least partially extending through one of the fixation protrusions (39), wherein each fastener (37) is only accessible when the motor housing (9) is decoupled from the motor coupling portion (13) of the motor stool (7).

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Citation (applicant)
EP 3181908 A1 20170621 - GRUNDFOS HOLDING AS [DK]

Citation (search report)
• [A] EP 3009680 A1 20160420 - GRUNDFOS HOLDING AS [DK]
• [AD] EP 3181908 A1 20170621 - GRUNDFOS HOLDING AS [DK]
• [A] EP 2716914 A1 20140409 - DAB PUMPS SPA [IT]

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EP4080058A1; US11879474B2

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