

Title (en)
Pump unit.

Title (de)
Pumpeneinheit.

Title (fr)
Unité de pompage.

Publication
EP 0249153 A2 19871216 (DE)

Application
EP 87108105 A 19870604

Priority
DE 3619326 A 19860609

Abstract (en)
[origin: US4810169A] A pump unit is provided with a housing enclosing a motor and a pump block flanged thereto. The housing closely follows the contours of the motor and the pump block and is provided with external projections for accommodating accessories for use with the pump unit. A handle is integrally formed at an upward projection of the housing, the upward projection serving as an enclosure for a capacitor connected to the motor.

Abstract (de)
Pumpeneinheit (10) mit einem Gehäuse (12), das einen Motor (24) einen daran angeflanschten Pumpenblock (26) und die zugehörigen Armaturen umschließt, wobei an der Außenseite des Gehäuses (12) Vorrichtungen (48, 58, 60, 64) zur Aufnahme von bei der Pumpeneinheit benötigten Elementen (53, 62, 66, 68) angebracht sind.

IPC 1-7
B08B 3/02; **B60S 3/04**; **F04B 21/00**

IPC 8 full level
B08B 3/02 (2006.01); **B60S 3/04** (2006.01); **F04B 53/00** (2006.01)

CPC (source: EP US)
B05B 9/0426 (2013.01 - EP US); **B08B 3/026** (2013.01 - EP US); **B08B 3/028** (2013.01 - EP US); **F04B 53/00** (2013.01 - EP US);
B05B 9/01 (2013.01 - EP US); **B08B 2203/0276** (2013.01 - EP US)

Citation (applicant)
• GB 2163632 A 19860305 - HITACHI MAXELL
• DE 3400568 A1 19850718 - KAERCHER GMBH & CO ALFRED [DE]

Cited by
DE19629136A1; US5405086A; EP0687509A1; WO9309886A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI

DOCDB simple family (publication)
US 4810169 A 19890307; AT E71433 T1 19920115; DE 3619326 A1 19871210; DE 3619326 C2 19910508; DE 3775829 D1 19920220;
DE 8702511 U1 19870402; EP 0249153 A2 19871216; EP 0249153 A3 19891123; EP 0249153 B1 19920108; EP 0249153 B2 19970502

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US 6001187 A 19870609; AT 87108105 T 19870604; DE 3619326 A 19860609; DE 3775829 T 19870604; DE 8702511 U 19870218;
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