

Title (en)  
MONOBLOC HOUSING FOR VACUUM PUMP

Title (de)  
EINTEILIGES GEHÄUSE FÜR EINE VAKUUMPUMPE

Title (fr)  
CARTER MONOBLOC POUR POMPE A VIDE

Publication  
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Application  
**EP 01958136 A 20010717**

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Abstract (en)  
[origin: WO0206675A2] The invention concerns a pumping unit wherein the vacuum pump (100) is driven by a motor (3, 4) comprised in a common monobloc housing forming motor housing (5) and oil pan (18) containing a gear assembly (17) for coupling two parallel pump rotors (14). To complement the sealing conditions provided by a dynamic seal (6), the motor stator (4) consists of an electric coil embedded in an oil-tight and gas-tight resin, thereby not requiring other more expensive and bulky sealing means, reducing production cost and enhancing the pumping unit dependability.

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IPC 8 full level  
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