

Title (en)  
PUMPING UNIT FOR ALIMENTARY LIQUIDS

Title (de)  
PUMPEINHEIT FÜR FLÜSSIGE NAHRUNGSMITTEL

Title (fr)  
UNITÉ DE POMPAGE DE LIQUIDES ALIMENTAIRES

Publication  
**EP 3023638 B1 20200122 (EN)**

Application  
**EP 15003265 A 20151117**

Priority  
IT VI20140297 A 20141117

Abstract (en)  
[origin: EP3023638A1] A pumping unit, particularly for alimentary liquids, which includes a volumetric pump provided with at least one chamber inside which a piston slides hermetically; the chamber is connected alternately to a suction pipe and to a delivery pipe by virtue of automatic valves. The peculiarity of the present invention resides in that it comprises an electromechanical device for the alternating motion of the piston, which is substantially constituted by a screw drive means operatively connected to the piston and actuated by an electric motor means.

IPC 8 full level  
**F04B 9/02** (2006.01); **F04B 11/00** (2006.01); **F04B 15/00** (2006.01); **F04B 17/03** (2006.01); **F04B 49/06** (2006.01); **F04B 53/10** (2006.01)

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Cited by  
CN107152387A; IT201800002800A1; IT202000007915A1; IT201700009231A1; CN106949032A; US12049819B2; WO2024026230A3; WO2019159213A1; US11879444B2; WO2021006865A1; WO2021209894A1

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DOCDB simple family (publication)  
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