

Title (en)  
METERING PUMP

Title (de)  
DOSIERPUMPE

Title (fr)  
POMPE DOSEUSE

Publication  
**EP 3214307 B1 20220105 (EN)**

Application  
**EP 17158879 A 20170302**

Priority  
IT UA20166537 U 20160303

Abstract (en)  
[origin: EP3214307A1] A metering pump (10), comprising, inside a head (11): - an impeller provided with vanes (12), - means (13) for the transmission and kinematic reduction of the rotary motion of the impeller (12), - means (14) for converting the rotary motion into reciprocating rectilinear motion, - means (15) for pumping a liquid to be metered, which are moved mechanically by the motion conversion means (14). A rigid container (16) for a liquid to be metered is fixed to the head (11), with reversible bayonet coupling means; the pumping means (15) are provided with an intake duct (17) that draws from the rigid container (16).

IPC 8 full level  
**F04B 9/103** (2006.01); **F04B 13/00** (2006.01); **F04B 17/00** (2006.01); **F04B 23/02** (2006.01); **F04B 53/22** (2006.01)

CPC (source: EP)  
**F04B 9/103** (2013.01); **F04B 13/00** (2013.01); **F04B 17/00** (2013.01); **F04B 23/028** (2013.01); **F04B 53/22** (2013.01)

Citation (examination)  
• US 3549048 A 19701222 - GOODMAN CHARLES R  
• IT PD20110240 A1 20130115 - ACQUA BREVETTI 95 S R L

Cited by  
IT202200005795A1; EP4091695A1; EP3992586A1

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