

Title (en)  
CONTROL OF LIQUID RING PUMP

Title (de)  
STEUERUNG EINER FLÜSSIGKEITSRINGPUMPE

Title (fr)  
COMMANDE DE POMPE À ANNEAU LIQUIDE

Publication  
**EP 4295048 A1 20231227 (EN)**

Application  
**EP 22706412 A 20220216**

Priority  
• CN 2021077155 W 20210222  
• IB 2022051366 W 20220216

Abstract (en)  
[origin: WO2022175828A1] A control system comprising: a liquid ring pump (10); a motor (12) configured to drive the liquid ring pump (10); and a controller (20) configured to: determine an electrical current within the motor (12); determine a speed of the motor (12); calculate a value of a function (F), the function (F) being a function of the determined electrical current within the motor (12) and the determined speed of the motor (12); and output one or more control signals based on the calculated value of the function (F).

IPC 8 full level  
**F04C 19/00** (2006.01); **F04C 28/28** (2006.01)

CPC (source: EP)  
**F04C 19/00** (2013.01); **F04C 28/28** (2013.01); **F04C 2270/0525** (2013.01); **F04C 2270/07** (2013.01); **F04C 2270/782** (2013.01); **F04C 2270/784** (2013.01); **F04C 2270/80** (2013.01)

Citation (search report)  
See references of WO 2022175828A1

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Designated extension state (EPC)  
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KH MA MD TN

DOCDB simple family (publication)  
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