

Title (en)
PUMP SYSTEM AND PUMP CONTROL METHOD

Title (de)
PUMPENSYSTEM UND PUMPENSTEUERUNGSVERFAHREN

Title (fr)
SYSTÈME DE POMPE ET PROCÉDÉ DE COMMANDE DE POMPE

Publication
EP 3527829 B1 20220316 (DE)

Application
EP 18157404 A 20180219

Priority
EP 18157404 A 20180219

Abstract (en)
[origin: WO2019158320A1] The present disclosure relates to a pump system (1) with a first (3) of at least one pump unit (3, 5) for pumping a fluid (11), wherein the first pump unit (3) comprises a pump, an electrical drive motor and a motor control, with a pump control for commanding the motor control, and with a sensor (7) with a sensor housing (27) and with sensor electronics (28) which are located in the sensor housing (27) for detecting at least one parameter of the fluid (11) in the pump or in a pipe which is fluid- connected to the pump, wherein the pump control is integrated into the sensor electronics (28).

IPC 8 full level
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CPC (source: EP US)
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Citation (examination)
US 2007154322 A1 20070705 - STILES ROBERT W JR [US], et al

Citation (opposition)
Opponent : KSB SE & Co. KGaA
• EP 0711920 A1 19960515 - FRANKLIN ELECTRIC CO INC [US]
• WO 0003142 A1 20000120 - EBARA CORP [JP], et al
• US 2011223038 A1 20110915 - OGAWA TAKAHIKO [JP], et al
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• DE 102015219150 A1 20170406 - ZIEHL-ABEGG SE [DE]
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Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3527829 A1 20190821; EP 3527829 B1 20220316; AU 2019220150 A1 20200716; AU 2019220150 B2 20210624; CN 111757986 A 20201009; CN 111757986 B 20230825; US 2021115928 A1 20210422; WO 2019158320 A1 20190822

DOCDB simple family (application)
EP 18157404 A 20180219; AU 2019220150 A 20190122; CN 201980014138 A 20190122; EP 2019051455 W 20190122; US 201916970559 A 20190122