

Title (en)  
SUCTION DREDGER VEHICLE

Title (de)  
SAUGBAGGERFAHRZEUG

Title (fr)  
VÉHICULE À DRAGUE ASPIRANTE

Publication  
**EP 4089237 A1 20221116 (EN)**

Application  
**EP 22169654 A 20220425**

Priority  
• FI 20210023 A 20210428  
• FI 20216004 A 20210928

Abstract (en)  
An unmanned suction dredger vehicle, comprising a first and a second body parts coupled together by a mechanism configured to enable an articulated steering of the vehicle, wherein the first and the second body parts with wheels configured to enable moving of the vehicle. The vehicle further comprises a power source coupled with the first body part configured to provide power to the vehicle, a boom coupled with the second body part and a pump with a piping coupled, at least partly, with the boom configured to enable a suction dredging.

IPC 8 full level  
**E02F 3/88** (2006.01); **E02F 5/28** (2006.01); **E02F 9/08** (2006.01); **E02F 9/20** (2006.01)

CPC (source: EP)  
**E02F 3/8866** (2013.01); **E02F 5/28** (2013.01); **E02F 9/0841** (2013.01); **E02F 9/205** (2013.01)

Citation (search report)  
• [XY] FR 2701278 A1 19940812 - ROCHE JEAN [FR]  
• [X] FR 2087460 A5 19711231 - ENTR DRAGAGES TRAVAUX PU, et al  
• [Y] CN 105840197 A 20160810 - INST OF EXPLOR TECHNIQUE CHINESE ACAD OF GEOLOGICAL SCIENCES  
• [Y] US 2020291770 A1 20200917 - JOSTES LUCAS [DE]  
• [Y] EP 3575499 A1 20191204 - GUANGXI LIUGONG MACHINERY CO [CN]  
• [Y] WO 0121900 A1 20010329 - ENGINEERING BUSINESS LTD [GB], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

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