

Title (en)
CONVEYING DEVICE

Title (de)
FÖRDEREINRICHTUNG

Title (fr)
DISPOSITIF DE TRANSPORT

Publication
EP 4285026 A1 20231206 (DE)

Application
EP 22722755 A 20220413

Priority
• DE 102021002178 A 20210424
• EP 2022059908 W 20220413

Abstract (en)
[origin: WO2022223404A1] A conveying device for fluids with an inlet (12) and an outlet (14) and a conveying part (10) which is connected in between and is actuable by a drive part, characterized in that the conveying part (10) has a fluid-tight media-separating device (16) with a variable chamber volume, which becomes fluidically connected via its receiving space (21) to the inlet (12) or the outlet (14), and which, by means of the drive part, receives fluid via the inlet (12) as part of an intake stroke, increasing the chamber volume, and discharges the received fluid via the outlet (14) as part of a discharging stroke, reducing the size of said chamber volume.

IPC 8 full level
F04B 43/113 (2006.01); **F04B 9/105** (2006.01); **F04B 9/117** (2006.01); **F04B 11/00** (2006.01); **F04B 25/00** (2006.01); **F04B 41/06** (2006.01); **F04B 45/02** (2006.01); **F04B 45/033** (2006.01)

CPC (source: EP US)
F04B 9/105 (2013.01 - EP); **F04B 9/1172** (2013.01 - EP); **F04B 11/005** (2013.01 - EP); **F04B 13/00** (2013.01 - US); **F04B 25/00** (2013.01 - EP); **F04B 41/06** (2013.01 - EP); **F04B 43/113** (2013.01 - EP); **F04B 43/1136** (2013.01 - EP); **F04B 45/022** (2013.01 - EP); **F04B 45/024** (2013.01 - EP); **F04B 45/0336** (2013.01 - EP); **F04B 49/16** (2013.01 - US); **F04B 53/08** (2013.01 - US); **F15B 1/021** (2013.01 - US); **F15B 1/04** (2013.01 - US)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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DE 102021002178 A 20210424; EP 2022059908 W 20220413; EP 22722755 A 20220413; JP 2023565258 A 20220413; US 202218556815 A 20220413