

Title (en)
HYDRAULIC ACCUMULATOR

Title (de)
HYDROSPEICHER

Title (fr)
ACCUMULATEUR HYDRAULIQUE

Publication
EP 4278096 A1 20231122 (DE)

Application
EP 22719211 A 20220323

Priority
• DE 102021002023 A 20210417
• EP 2022057651 W 20220323

Abstract (en)
[origin: WO202218665A1] 2. A hydraulic accumulator, in particular a piston accumulator, comprising a separation element (16) which is movably arranged in an accumulator housing (10) and which separates two media chambers (24, 26) from each other, and comprising a distance measuring device for monitoring the position of the separation element (16), is characterized in that the distance measuring device is in the form of a radar device (32) that includes a transmitter (42) emitting a primary signal which, upon at least partial reflection off the separation element (16), generates a secondary signal which, upon reception by a receiver (46), allows a position of the separation element (16) in the accumulator housing (10) to be determined.

IPC 8 full level
F15B 1/24 (2006.01); **F15B 1/04** (2006.01); **F15B 1/10** (2006.01); **F15B 1/12** (2006.01); **F15B 1/16** (2006.01)

CPC (source: EP US)
F15B 1/04 (2013.01 - EP); **F15B 1/103** (2013.01 - EP); **F15B 1/12** (2013.01 - EP US); **F15B 1/16** (2013.01 - US); **F15B 1/165** (2013.01 - EP); **F15B 1/24** (2013.01 - EP US); **F15B 2201/205** (2013.01 - EP); **F15B 2201/31** (2013.01 - EP US); **F15B 2201/3151** (2013.01 - EP); **F15B 2201/3152** (2013.01 - EP); **F15B 2201/3153** (2013.01 - EP); **F15B 2201/515** (2013.01 - EP US)

Designated contracting state (EPC)
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Designated extension state (EPC)
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KH MA MD TN

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DE 102021002023 A 20210417; CN 202290000347 U 20220323; EP 2022057651 W 20220323; EP 22719211 A 20220323; JP 2023560090 A 20220323; US 202218555303 A 20220323