

Title (en)
END FITTING FOR A PRESSURISED FLUID RESERVOIR

Title (de)
ENDSTÜCK FÜR EINEN DRUCKFLUID-BEHÄLTER

Title (fr)
EMBOUT POUR UN RÉSERVOIR DE FLUIDE SOUS PRESSION

Publication
EP 4090877 A1 20221123 (FR)

Application
EP 21700868 A 20210114

Priority
• FR 2000328 A 20200114
• FR 2002257 A 20200306
• EP 2021050637 W 20210114

Abstract (en)
[origin: WO2021144335A1] End fitting for a pressurised fluid reservoir, the reservoir comprising a liner (2) which comprises a tubular central portion (20) with a first cylindrical outer surface (21), characterised in that the end fitting (1) comprises an end portion (10) with a second cylindrical outer surface (11), the end portion (10) being configured to be positioned coaxially with respect to the tubular central portion (20), the second cylindrical outer surface (11) forming a radially flush extension of the first cylindrical outer surface (21), the end fitting (1) being configured to be mounted in a sealed manner on the outside of a neck (22) of the liner (2) by means of an annular sealing joint (4) arranged coaxially with respect to the end portion (10) in an annular groove (12) provided in an inner recess (13) of the end fitting (1) such that the internal pressure in the reservoir has a tendency to push the neck (22) radially outwards against the annular sealing joint (4).

IPC 8 full level
F17C 1/06 (2006.01)

CPC (source: EP KR US)
F17C 1/06 (2013.01 - EP KR US); **F17C 2201/0119** (2013.01 - EP KR US); **F17C 2201/056** (2013.01 - EP KR US); **F17C 2203/0604** (2013.01 - EP KR US); **F17C 2203/0607** (2013.01 - EP KR US); **F17C 2203/0619** (2013.01 - EP KR US); **F17C 2203/066** (2013.01 - EP KR US); **F17C 2203/067** (2013.01 - EP KR US); **F17C 2205/0305** (2013.01 - EP KR US); **F17C 2205/0326** (2013.01 - EP KR US); **F17C 2205/0341** (2013.01 - EP KR US); **F17C 2209/2154** (2013.01 - EP KR US); **F17C 2209/224** (2013.01 - EP KR US); **F17C 2209/234** (2013.01 - EP KR US); **F17C 2221/012** (2013.01 - EP KR US); **F17C 2221/033** (2013.01 - EP KR US); **F17C 2221/035** (2013.01 - EP KR US); **F17C 2223/0123** (2013.01 - EP KR US); **F17C 2223/036** (2013.01 - EP KR US); **F17C 2250/043** (2013.01 - EP KR US); **F17C 2250/0439** (2013.01 - EP KR US); **F17C 2250/0491** (2013.01 - EP KR US); **F17C 2260/012** (2013.01 - EP KR US); **F17C 2260/018** (2013.01 - EP KR US); **F17C 2270/0168** (2013.01 - EP KR US); **Y02E 60/32** (2013.01 - EP KR)

Citation (search report)
See references of WO 2021144335A1

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Designated extension state (EPC)
BA ME

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KH MA MD TN

DOCDB simple family (publication)
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