

Title (en)
TANK FOR A CRYOGENIC FLUID

Title (de)
TANK FÜR EINE KRYOFLÜSSIGKEIT

Title (fr)
CUVE POUR FLUIDE CRYOGENIQUE

Publication
EP 2510275 A1 20121017 (FR)

Application
EP 10805462 A 20101206

Priority
• FR 0958786 A 20091209
• FR 2010052610 W 20101206

Abstract (en)
[origin: WO2011070276A1] The invention relates to a tank for storing cryogenic fluid, comprising a concrete supporting structure, at least one impermeable barrier and at least one thermally insulating barrier. According to the invention, the thermally insulating barrier comprises a plurality of panels that are fixed to the supporting structure and said panels comprise at least two first adjacent panels fastened to the supporting structure by a common fastening member. The invention is characterized in that the fastening member comprises a plate (2), a first pin (3) that extends from a first side of the plate and at least a second pin (4) and a third pin (5) that extend from a second side of the plate, whereby the first pin is anchored in the supporting structure and the second and third pins are each anchored in one of the aforementioned first panels respectively.

IPC 8 full level
F17C 13/00 (2006.01)

CPC (source: EP KR)
F17C 3/02 (2013.01 - KR); **F17C 13/00** (2013.01 - KR); **F17C 13/001** (2013.01 - EP); **F17C 2201/032** (2013.01 - EP);
F17C 2201/052 (2013.01 - EP); **F17C 2203/0329** (2013.01 - EP); **F17C 2203/0354** (2013.01 - EP); **F17C 2203/0678** (2013.01 - EP);
F17C 2209/228 (2013.01 - EP); **F17C 2209/232** (2013.01 - EP); **F17C 2223/0161** (2013.01 - EP); **F17C 2260/013** (2013.01 - EP);
F17C 2270/0134 (2013.01 - EP)

Citation (search report)
See references of WO 2011070276A1

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

DOCDB simple family (publication)
FR 2953582 A1 20110610; FR 2953582 B1 20121130; AP 2012006270 A0 20120630; AP 3291 A 20150531; AR 079246 A1 20120104;
AU 2010329714 A1 20120705; AU 2010329714 B2 20160121; BR 112012013818 A2 20160503; BR 112012013818 B1 20200728;
CN 102695905 A 20120926; CN 102695905 B 20140618; EP 2510275 A1 20121017; EP 2510275 B1 20131023; ES 2442920 T3 20140214;
KR 20120099766 A 20120911; MY 167938 A 20181004; PL 2510275 T3 20140430; TW 201144659 A 20111216; TW I435992 B 20140501;
UY 33093 A 20110729; WO 2011070276 A1 20110616

DOCDB simple family (application)
FR 0958786 A 20091209; AP 2012006270 A 20101206; AR P100104456 A 20101202; AU 2010329714 A 20101206;
BR 112012013818 A 20101206; CN 201080055624 A 20101206; EP 10805462 A 20101206; ES 10805462 T 20101206;
FR 2010052610 W 20101206; KR 20127017825 A 20101206; MY PI2012002578 A 20101206; PL 10805462 T 20101206;
TW 99142850 A 20101208; UY 33093 A 20101208