

Title (en)
TANK CONTAINER

Title (de)
TANKCONTAINER

Title (fr)
CONTENEUR CITERNE

Publication
EP 2900573 A1 20150805 (DE)

Application
EP 13753618 A 20130826

Priority
• DE 102012109015 A 20120925
• EP 2013067620 W 20130826

Abstract (en)
[origin: WO2014048652A1] The invention relates to a tank container (1) having a cylindrical vessel (3), of which the ends are closed by curved bases (5), which is provided with an inner layer (6), in particular a lead coating, and which is connected, at the bases (5), to an end-frame arrangement (9) in each case via a ring arrangement (13). The ring arrangement (13) is arranged in a rim region (15) of the base (5). Between the ring arrangement (13) and base, a frustoconical saddle-ring element (17, 17') runs in the rim region (15), concentrically to the ring arrangement (13). This saddle-ring element has a broad side (25) butting against the outside (27) of the rim region (15) and is connected to the rim region (15), via weld seams (33, 35), on its inner and outer peripheries (29, 31), and therefore loads acting between the container (3) and ring arrangement (13) are transmitted between the container (3) and saddle-ring element (17, 17') via the broad side (25).

IPC 8 full level
B65D 88/12 (2006.01)

CPC (source: CN EP US)
B65D 88/12 (2013.01 - CN); **B65D 88/128** (2013.01 - EP US); **F17C 3/12** (2013.01 - US); **F17C 2201/0104** (2013.01 - US); **F17C 2203/012** (2013.01 - US); **F17C 2203/0604** (2013.01 - US); **F17C 2203/0653** (2013.01 - US)

Citation (search report)
See references of WO 2014048652A1

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

DOCDB simple family (publication)
DE 102012109015 B3 20131205; CN 104661933 A 20150527; EP 2900573 A1 20150805; IL 237354 A0 20150430; IN 1759DEN2015 A 20150529; SG 11201501243R A 20150528; US 2015260340 A1 20150917; WO 2014048652 A1 20140403

DOCDB simple family (application)
DE 102012109015 A 20120925; CN 201380049626 A 20130826; EP 13753618 A 20130826; EP 2013067620 W 20130826; IL 23735415 A 20150222; IN 1759DEN2015 A 20150303; SG 11201501243R A 20130826; US 201314431248 A 20130826