

Title (en)

DRAIN ARRANGEMENT FOR PRECIPITATIONS FROM A VERTICAL INSIDE WALL OF A FLOATING ROOF TANK

Publication

EP 0084770 B1 19850605 (DE)

Application

EP 83100026 A 19830104

Priority

DE 3202278 A 19820125

Abstract (en)

[origin: US4456144A] In an arrangement for removal of precipitation from the vertical inner wall 1 of a tank having a floating roof, a water stripping element 2 is provided which interrupts the water film 6, running down the inner wall, absorbs the water and removes it at a suitable point. For this purpose, the stripping element 2 consists of a layered unit of elastic materials which are constructed in the vertical direction alternately of water absorbing and water permeable layers 3 and of water impermeable layers 4. The upper and the lower layers consist of water impermeable layers. The unit forms in the cross-section a rhomboid so that the individual layers 3, 4 are pressed at an acute angle towards the tank wall and each individual layer comes with its end face in full contact with the tank wall. The stripping element is combined of individual pieces to a closed ring which is held by the receiving elements and is pressed against the tank wall by spring elements.

IPC 1-7

B65D 88/42; **B65D 88/46**

IPC 8 full level

B65D 88/42 (2006.01); **B65D 88/46** (2006.01)

CPC (source: EP US)

B65D 88/42 (2013.01 - EP US); **B65D 88/46** (2013.01 - EP US)

Cited by

KR100794540B1; NL8601990A; DE102004001206A1; DE102004001206A8; DE102004001206B4; EP1553028A3

Designated contracting state (EPC)

AT BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0084770 A1 19830803; **EP 0084770 B1 19850605**; AT E13652 T1 19850615; DE 3202278 A1 19830728; DE 3360232 D1 19850711; US 4456144 A 19840626

DOCDB simple family (application)

EP 83100026 A 19830104; AT 83100026 T 19830104; DE 3202278 A 19820125; DE 3360232 T 19830104; US 45631483 A 19830106