

Title (en)

CONTAINER APPARATUS FOR THE STORAGE AND TRANSPORTATION OF FLUID MATERIAL

Publication

EP 0472360 A3 19920422 (EN)

Application

EP 91307520 A 19910814

Priority

GB 9018581 A 19900824

Abstract (en)

[origin: EP0472360A2] Container apparatus (2) for the storage and transportation of a fluid material, which container apparatus (2) comprises a frame (4), a bag member (6) for being positioned inside the frame (4) and supported by the frame (4), and braces (8) which are connected to the frame (4) and which are engaged by the bag member (6) when the bag member (6) is full up with the fluid material, the frame (4) being an open frame having upstanding corner members (10), a top portion (12) connected to upper parts of the corner members (10), and a base portion (14) connected to lower parts of the corner members (10), and the container apparatus (2) being such that the braces (8) prevent the bag member (6) from being forced by the fluid material through openings (16) between the corner members (10), and such that in response to pressure from the bag member (6) the braces (8) exert a force at their ends to pull on the corner members (10) and thereby to tension the frame (4) and make the frame (4) rigid. <IMAGE>

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B65D 77/06

IPC 8 full level

B65D 88/22 (2006.01); **B65D 77/06** (2006.01)

CPC (source: EP)

B65D 77/061 (2013.01)

Citation (search report)

- [X] BE 571713 A
- [X] GB 2051939 A 19810121 - GORDON & FELL LTD L, et al
- [X] EP 0373506 A1 19900620 - SARIG ELAN
- [A] US 3735713 A 19730529 - GLASSMEYER J
- [A] DE 1486433 A1 19690403 - INTERLUND SA

Cited by

EP2149508A1; AU2004201833B2; GB2377923A; DE102008013185A1; FR2808785A1; GB2366789A; GB2366789B; ITFI20110226A1; US8950612B2; US8100264B2; WO0037324A1; WO2004096661A1; WO9801370A1; US8424682B2; WO9734820A1; WO2013057560A1

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