

Title (en)

REINFORCING STRUCTURE FOR LARGE CONTAINERS

Publication

**EP 0131696 A3 19860528 (DE)**

Application

**EP 84104489 A 19840419**

Priority

DE 3326005 A 19830719

Abstract (en)

[origin: US4602465A] Substantially cylindrical and relatively thin-walled large volume containers such as silos are interiorly supported by means of a supporting structure in the form of a triangular supporting triangle, which is fixedly joined to the inner container wall. Thereby an essential amount of radial loads is converted into loads working in circumferential direction, i.e., working tangentially on the container wall, so that the risk of deformations is reduced when the load transmitting members such as pipes provided inside the container are joined to the supporting structure.

IPC 1-7

**B65D 90/02**

IPC 8 full level

**B65D 90/02** (2006.01); **B65D 88/08** (2006.01)

CPC (source: EP US)

**B65D 88/08** (2013.01 - EP US)

Citation (search report)

- [A] US 2955723 A 19601011 - MCGRATH RAYMUND V
- [A] FR 2320875 A1 19770311 - SENER TECNICA INDUSTRIAL [ES]
- [A] US 3645415 A 19720229 - PHELPS REX V

Designated contracting state (EPC)

AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0131696 A2 19850123; EP 0131696 A3 19860528**; DE 3326005 A1 19850207; DE 3326005 C2 19851121; JP S6023185 A 19850205; US 4602465 A 19860729

DOCDB simple family (application)

**EP 84104489 A 19840419**; DE 3326005 A 19830719; JP 13082584 A 19840625; US 62891984 A 19840709