

Title (en)
SECONDARY CONTAINMENT SYSTEM USING FLEXIBLE PIPING

Publication
EP 0397816 A4 19910320 (EN)

Application
EP 89911737 A 19890919

Priority
US 25402188 A 19881006

Abstract (en)
[origin: WO9004157A1] A pipeline system is provided for a pumping system for fluid products, such as gasoline, diesel fuel and chemicals, and including a pump (12) for pumping such products from a storage tank (10) through the primary pipeline (30) of the pipeline system to a product dispenser (18). The pipeline system includes a secondary containment system for the primary pipeline between the tank and dispenser which includes telescoping pipe sections (32a, 32b) of different diameters. The telescoping piping is installed around the primary pipeline (30) and the pipe sections are, prior to final installation, movable between intermediate and final positions, for enabling completion, testing and inspection of the primary pipeline prior to final completion of the secondary containment system. One section of the telescoping piping is a flexible corrugated pipe (42) which is able to bend around elbows. Compression seals and ring clamps (42a, 42b) are used to connect the components together.

IPC 1-7
G01M 3/04

IPC 8 full level
B67D 7/78 (2010.01); **F16L 55/00** (2006.01); **G01M 3/02** (2006.01); **B29C 65/12** (2006.01); **B29C 65/34** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)
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C-Set (source: EP)
B29C 66/71 + B29K 2023/065

Citation (search report)
• [X] US 4089139 A 19780516 - MOFFA JOSEPH, et al
• [X] GB 209931 A 19240124 - REGINALD BROWN, et al
• [A] WO 9007074 A1 19900628 - WEBB MICHAEL C [US], et al
• [A] US 1712510 A 19290514 - MONIE JAMES D
• See references of WO 9004157A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

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WO 9004157 A1 19900419; AU 4409389 A 19900501; EP 0397816 A1 19901122; EP 0397816 A4 19910320

DOCDB simple family (application)
US 8904086 W 19890919; AU 4409389 A 19890919; EP 89911737 A 19890919