

Title (en)
Combination hose coupling and suction pump.

Title (de)
Leitungskupplung kombiniert mit Strahlpumpe.

Title (fr)
Raccord pour tube combiné avec pompe à jet.

Publication
EP 0423060 A1 19910417 (EN)

Application
EP 90630174 A 19901010

Priority
US 42103389 A 19891013

Abstract (en)
A hose coupling for the inner product hose of a coaxial vapor recovery hose assembly which has an inner surface which is venturi-shaped and communicates through an aspirator port and a suction tube to remove liquid accumulations for the annular vapor passageway between the product hose and the outer hose.

IPC 1-7
B67D 5/378

IPC 8 full level
B67D 7/04 (2010.01)

CPC (source: EP)
B67D 7/0488 (2013.01)

Citation (search report)
• [XD] EP 0155186 A1 19850918 - GILBARCO INC [US]
• [A] WO 8902411 A1 19890323 - DAYCO PRODUCTS INC [US]
• [A] GB 2016417 A 19790926 - ATLANTIC RICHFIELD CO

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0423060 A1 19910417; EP 0423060 B1 19940105; CA 2019030 A1 19910413; CA 2019030 C 20001031; DE 69005778 D1 19940217; DE 69005778 T2 19940630; FI 905024 A0 19901012; FI 95904 B 19951229; FI 95904 C 19960410; IE 70299 B1 19961113; IE 903588 A1 19910424; NO 178184 B 19951030; NO 178184 C 19960207; NO 904405 D0 19901011; NO 904405 L 19910415

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EP 90630174 A 19901010; CA 2019030 A 19900614; DE 69005778 T 19901010; FI 905024 A 19901012; IE 358890 A 19901008; NO 904405 A 19901011