

Title (en)

A FLEXIBLE, KINK RESISTANT, FLUID TRANSFER HOSE CONSTRUCTION

Title (de)

FLEXIBLE, KNICKBESTÄNDIGE FLUIDTRANSFERSCHLAUCHKONSTRUKTION

Title (fr)

CONSTRUCTION DE TUYAU DE TRANSFERT DE FLUIDE SOUPLE RESISTANT AUX COUDES

Publication

EP 1537353 A1 20050608 (EN)

Application

EP 03794633 A 20030905

Priority

- US 0327867 W 20030905
- US 40970802 P 20020909

Abstract (en)

[origin: WO2004023026A1] A flexible, kink resistant, fluid transfer hose construction that employs a flexible and abrasion-resistant protective jacket is provided. The protective jacket demonstrates the necessary mechanical properties to be included under a crimped sleeve or collar of a hose coupling, thereby increasing the useful life of the hose by, for example, preventing damaging chemicals from accessing underlying layers at each end of the hose construction.

IPC 1-7

F16L 58/10; F16L 57/06

IPC 8 full level

B32B 1/08 (2006.01); **C08L 77/00** (2006.01); **C08L 77/02** (2006.01); **C08L 77/06** (2006.01); **C08L 83/04** (2006.01); **F16L 57/06** (2006.01); **F16L 58/10** (2006.01)

CPC (source: EP US)

B32B 1/08 (2013.01 - EP US); **B32B 27/08** (2013.01 - US); **B32B 27/18** (2013.01 - US); **B32B 27/281** (2013.01 - US); **B32B 27/304** (2013.01 - US); **B32B 27/32** (2013.01 - US); **B32B 27/34** (2013.01 - US); **B32B 27/36** (2013.01 - US); **C08L 77/00** (2013.01 - EP); **C08L 77/02** (2013.01 - EP); **C08L 77/06** (2013.01 - EP); **C08L 83/04** (2013.01 - EP); **F16L 57/06** (2013.01 - EP); **F16L 58/1054** (2013.01 - EP); **B32B 2038/0076** (2013.01 - US); **B32B 2262/0223** (2013.01 - US); **B32B 2262/0253** (2013.01 - US); **B32B 2262/0269** (2013.01 - US); **B32B 2307/306** (2013.01 - US); **B32B 2307/544** (2013.01 - US); **B32B 2307/584** (2013.01 - US); **B32B 2323/04** (2013.01 - US); **B32B 2323/10** (2013.01 - US); **B32B 2327/06** (2013.01 - US); **B32B 2327/18** (2013.01 - US); **B32B 2367/00** (2013.01 - US); **B32B 2377/00** (2013.01 - US); **B32B 2379/08** (2013.01 - US); **B32B 2597/00** (2013.01 - US); **C08G 77/14** (2013.01 - EP); **C08G 77/20** (2013.01 - EP); **C08G 77/42** (2013.01 - EP)

Citation (search report)

See references of WO 2004023026A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004023026 A1 20040318; AU 2003276866 A1 20040329; AU 2003276866 A8 20040329; EP 1537353 A1 20050608

DOCDB simple family (application)

US 0327867 W 20030905; AU 2003276866 A 20030905; EP 03794633 A 20030905