

Title (en)

PIPE FOR TRANSPORTING AUTOMOBILE FLUIDS, COMPRISING A SMOOTH INNER TUBE AND AN OUTER ANNELLATED TUBE

Title (de)

LEITUNGSROHR FÜR DEN TRANSPORT VON KRAFTFAHRZEUGFLÜSSIGKEITEN, DAS EINE INNERE GLATTE LEITUNG UND EINE ÄUSSERE GEWELLTE LEITUNG ENTHÄLT

Title (fr)

TUYAU DE TRANSPORT DE FLUIDES AUTOMOBILES, COMPORTANT UN TUBE INTERIEUR LISSE ET UN TUBE EXTERIEUR ANNELE

Publication

EP 1470355 A1 20041027 (FR)

Application

EP 03712276 A 20030122

Priority

- FR 0300208 W 20030122
- FR 0201135 A 20020131

Abstract (en)

[origin: FR2835307A1] A pipe for transporting automobile fluids, characterized in that it comprises a smooth inner tube (1) based on an elastomer thermoplastic material, an outer annellated tube (2) in contact with the inner tube by the inner vertex of the undulations thereof and which is made of a polyamide-based thermoplastic material, in addition to means for connecting the outer tube to the inner tube.

IPC 1-7

F16L 11/11

IPC 8 full level

F16L 11/11 (2006.01)

CPC (source: EP US)

F16L 11/11 (2013.01 - EP US)

Citation (search report)

See references of WO 03064911A1

DOCDB simple family (publication)

FR 2835307 A1 20030801; FR 2835307 B1 20040521; EP 1470355 A1 20041027; MX PA04007368 A 20041126; US 2005103392 A1 20050519; WO 03064911 A1 20030807

DOCDB simple family (application)

FR 0201135 A 20020131; EP 03712276 A 20030122; FR 0300208 W 20030122; MX PA04007368 A 20030122; US 50329904 A 20040802