

Title (en)  
MULTILAYER TUBE FOR TRANSPORTING WATER OR GAS

Title (de)  
MEHRSCICHTRÖHRE ZUM TRANSPORT VON WASSER ODER GAS

Title (fr)  
TUBE MULTICOUCHE POUR LE TRANSPORT D'EAU OU DE GAZ

Publication  
**EP 1951522 A1 20080806 (FR)**

Application  
**EP 06842030 A 20061123**

Priority

- FR 2006051219 W 20061123
- FR 0511906 A 20051124
- US 78025806 P 20060308

Abstract (en)  
[origin: FR2893696A1] A multi-layer tube (viewed from inside outwards of the tube), comprises an optional fluorinated polymer layer (I), a functionalized fluorinated polymer layer (II), optionally mixed with a fluorinated polymer, a barrier layer of ethylene vinyl alcohol (EVOH) or EVOH-polyglycolic acid (PGA) or polydimethyl ketene (PDMK) mixture (III), an adhesive layer (IV), a polyolefin layer optionally mixed with a functionalized polyolefin (V), an optional barrier layer (VI) and an optional polyolefin layer (VII), optionally mixed with a functionalized polyolefin. An independent claim is included for a heating system by radiation comprising the tube.

IPC 8 full level  
**B32B 27/08** (2006.01); **B32B 1/08** (2006.01); **F16L 11/04** (2006.01); **F24D 3/14** (2006.01)

CPC (source: EP US)  
**B32B 1/08** (2013.01 - EP US); **B32B 7/12** (2013.01 - US); **B32B 15/08** (2013.01 - US); **B32B 27/08** (2013.01 - EP US); **B32B 27/28** (2013.01 - US); **B32B 27/304** (2013.01 - US); **B32B 27/306** (2013.01 - US); **B32B 27/32** (2013.01 - US); **B32B 2323/04** (2013.01 - US); **B32B 2327/00** (2013.01 - US); **B32B 2329/04** (2013.01 - US); **B32B 2597/00** (2013.01 - US); **Y10T 428/1383** (2015.01 - EP US)

Citation (search report)  
See references of WO 2007060367A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2893696 A1 20070525; FR 2893696 B1 20090306**; AU 2006319002 A1 20070531; BR PI0619025 A2 20110920; CA 2630892 A1 20070531; CN 101336166 A 20081231; EP 1951522 A1 20080806; IL 191661 A0 20081229; NO 20082606 L 20080825; US 2009173407 A1 20090709; WO 2007060367 A1 20070531

DOCDB simple family (application)  
**FR 0511906 A 20051124**; AU 2006319002 A 20061123; BR PI0619025 A 20061123; CA 2630892 A 20061123; CN 200680051722 A 20061123; EP 06842030 A 20061123; FR 2006051219 W 20061123; IL 19166108 A 20080522; NO 20082606 A 20080611; US 9480706 A 20061123