

Title (en)
PIPELINE SYSTEM, IN PARTICULAR FOR CONVEYING REMOTE HEAT

Title (de)
ROHRLEITUNGSSYSTEM, INSBESONDERE FÜR DIE ÜBERTRAGUNG VON FERNWÄRME

Title (fr)
SYSTEME DE CONDUITES, EN PARTICULIER POUR LE TRANSPORT DE CHALEUR DANS LE CHAUFFAGE A DISTANCE

Publication
EP 0797759 A1 19971001 (DE)

Application
EP 95942658 A 19951128

Priority

- DE 4444332 A 19941213
- DE 19501941 A 19950124
- DE 19505898 A 19950221
- DE 19521018 A 19950612
- EP 9504616 W 19951128

Abstract (en)
[origin: WO9618874A1] The invention concerns a pipeline system comprising an inner medium-conveying pipe (1), an outer pipe (2) surrounding the inner pipe at a spacing, and thermal insulation filler material in the space between the two pipes. The pipeline system further comprises a system containing a sensor line (4) for detecting and locating leakages. The material used for the sensor line is an alloy which has a low and largely constant temperature coefficient and a resistance which is low enough for a process for locating leakages by measuring the propagation time of a reflected pulse to be carried out with the sensor line. The resistance value of the alloy is furthermore high enough for leakages to be located by measuring resistance. The material used for the sensor line is preferably a CuNi10-type copper-nickel alloy.

IPC 1-7
G01M 3/16

IPC 8 full level
G01M 3/16 (2006.01)

CPC (source: EP)
G01M 3/165 (2013.01)

Citation (search report)
See references of WO 9618874A1

Designated contracting state (EPC)
AT CH DE DK FR IT LI NL SE

DOCDB simple family (publication)
WO 9618874 A1 19960620; AU 4386096 A 19960703; EP 0797759 A1 19971001

DOCDB simple family (application)
EP 9504616 W 19951128; AU 4386096 A 19951128; EP 95942658 A 19951128