

Title (en)
METHOD FOR DETECTING FAULT LOCATIONS

Title (de)
VERFAHREN ZUR ERMITTLUNG VON FEHLERSTELLEN AN LEITUNGSROHREN

Title (fr)
METHODE POUR LA DETERMINATION DES LIEUX DU DEFAUT

Publication
EP 0628145 B1 19951220 (DE)

Application
EP 92905219 A 19920227

Priority
• DE 4104216 A 19910212
• EP 9200415 W 19920227

Abstract (en)
[origin: DE4104216A1] A pipe with an inner pipe (1) conveying the medium and an outer pipe (2) comprise a sensor (S) in the packing (3) between the pipes for detecting fault locations. In addition, data (D) are transmitted via a cable fitted to the pipe. The aim is to reduce the costs for transmitting the data (D). According to the invention, the sensor (S) is also used to transmit the data (D). Especially for a pipe for conveying liquid media for remote heating.

IPC 1-7
F17D 5/06; G01M 3/18; H04B 3/00; F24D 19/10

IPC 8 full level
F17D 5/04 (2006.01); **F17D 5/06** (2006.01); **F24D 19/10** (2006.01); **G01M 3/18** (2006.01); **H04B 3/00** (2006.01)

CPC (source: EP KR)
F17D 5/04 (2013.01 - EP); **F21L 4/00** (2013.01 - KR)

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

DOCDB simple family (publication)
DE 4104216 A1 19920813; **DE 4104216 C2 19921112**; DK 0628145 T3 19960506; EP 0628145 A1 19941214; EP 0628145 B1 19951220; KR 100209181 B1 19990715; KR 950700514 A 19950116; WO 9317275 A1 19930902

DOCDB simple family (application)
DE 4104216 A 19910212; DK 92905219 T 19920227; EP 9200415 W 19920227; EP 92905219 A 19920227; KR 19940703023 A 19940827