

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  
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Application  
**EP 95942658 A 19951128**

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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.

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