

Title (en)
A DEVICE FOR THERMALLY INSULATING UNDERGROUND PIPES.

Title (de)
VORRICHTUNG ZUR WÄRMEISOLIERUNG UNTERIRIDSCHER RÖHREN.

Title (fr)
DISPOSITIF D'ISOLATION THERMIQUE DE CONDUITES SOUTERRAINES.

Publication
EP 0172226 A4 19870810 (EN)

Application
EP 85901173 A 19850130

Priority
CH 49384 A 19840202

Abstract (en)
[origin: WO8503478A1] Pipes (7) are placed in chambers (6) extending in pipe receiving boxes (1). The pipe receiving boxes (1) are covered by lids (2) which are arranged in a staggered relationship relative to the boxes (1). Liquid draining channels (4) extend from every chamber (6) through the bottom surface (5) of the boxes (1). The pipes (7) are loosely placed in the chambers (6) allowing for a free thermal expansion thereof. The pipe receiving boxes (1) and the lids (2) are made for instance of a low-compressible foam of hydrophobic plastic having a low water permeability, such as a polystyrene foam. The chambers (6) can receive pipes (7) of varying diameters and are dimension-wise not confined to specific pipe diameters. This leads to a large versatility of the insulating device regarding pipe diameters as well as the taking up of thermal expansions.

IPC 1-7
B32B 31/00

IPC 8 full level
F16L 59/15 (2006.01)

CPC (source: EP)
F16L 59/15 (2013.01)

Citation (search report)

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- See references of WO 8503478A1

Designated contracting state (EPC)
AT CH DE GB LI NL SE

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