

Title (en)

GEOTHERMAL PROBE WITH TRANSPORT PACKAGING

Title (de)

ERDWÄRMESONDEN-ROHRANORDNUNG MIT TRANSPORTVERPACKUNG

Title (fr)

SONDE GÉOTHERMIQUE AVEC EMBALLAGE DE TRANSPORT

Publication

EP 2470840 A2 20120704 (DE)

Application

EP 10745554 A 20100814

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- EP 2010005008 W 20100814

Abstract (en)

[origin: WO2011023311A2] The present invention relates to a transport and storage unit for a geothermal probe tube assembly (1), comprising a geothermal probe tube assembly (1) for utilizing near-surface geothermal energy. The geothermal probe tube assembly comprises a tube (2), which is made of a polymeric material and has a helical or spiral design at least in some regions, and a layer enclosing a lumen (4). The invention further relates to a transport packaging (3), which surrounds the geothermal probe tube assembly (1) in a helically or spirally designed region of the tube (2), wherein the polymeric material is a cross-linked polymeric material, and wherein the transport packaging (3) holds the geothermal probe tube assembly (1) under axial bias in a first, contracted state, in which the geothermal probe tube assembly (1) occupies a smaller volume than it does in a second, expanded state, in which the transport packaging (3) is no longer present.

IPC 8 full level

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Citation (search report)

See references of WO 2011023311A2

Citation (examination)

- JP S63220091 A 19880913 - TANAKA BUNKICHI
- US 2006108107 A1 20060525 - NAUKKARINEN OLLI P [US]
- EP 1486741 A1 20041215 - TIROLER ROEHREN & METALLWERK [AT], et al

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