

Title (en)
PIPE ARRANGEMENT

Title (de)
ROHRANORDNUNG

Title (fr)
AGENCEMENT DE TUYAUX

Publication
EP 2084465 A1 20090805 (DE)

Application
EP 08734670 A 20080319

Priority
• EP 2008002194 W 20080319
• DE 202007004346 U 20070321

Abstract (en)
[origin: WO2008113569A1] The pipe arrangement for geothermal probes according to this invention comprises at least two pipes (1, 2), having at least one layer surrounding a lumen (3), wherein one of the pipes (1, 2) serves as the feed, and the other serves as the return, and at least one of the pipes (1, 2) is made at least partially of an non-crosslinked polymer material, and is characterized in that the polymer material of the at least one layer of the pipes (1, 2) has an FNCT (fill notched creep test) value according to ISO 16770 of at least 3000h.

IPC 8 full level
F16L 9/12 (2006.01); **F24J 3/08** (2006.01)

CPC (source: EP US)
F24T 10/15 (2018.04 - EP US); **F28F 21/062** (2013.01 - EP US); **F28F 2225/04** (2013.01 - EP US); **F28F 2255/00** (2013.01 - EP US); **Y02E 10/10** (2013.01 - EP US)

Citation (search report)
See references of WO 2008113569A1

Citation (examination)
DE 29906998 U1 19990701 - WAVIN BV [NL]

Citation (third parties)
Third party :
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• DE 20010111 U1 20011031 - WAVIN BV [NL]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 202007004346 U1 20071031; **DE 202007004346 U9 20080424**; DE 202008016917 U1 20090305; EA 022199 B1 20151130; EA 200970876 A1 20100430; EP 2084465 A1 20090805; US 2008236784 A1 20081002; US 8167027 B2 20120501; WO 2008113569 A1 20080925

DOCDB simple family (application)
DE 202007004346 U 20070321; DE 202008016917 U 20080319; EA 200970876 A 20080319; EP 08734670 A 20080319; EP 2008002194 W 20080319; US 7676708 A 20080321