

Title (en)

Method for analysing a pipe network of a heating assembly

Title (de)

Verfahren zur Analyse eines Rohrnetzes einer Heizungsanlage

Title (fr)

Procédé d'analyse d'un réseau de tuyauterie d'une installation de chauffage

Publication

EP 2226575 A3 20110810 (DE)

Application

EP 10002952 A 20100319

Priority

- EP 10002952 A 20100319
- DE 102009011522 A 20090306

Abstract (en)

[origin: EP2226575A2] The method involves arranging heating bodies (2) in a pipeline network (1), and opening valves (3) of the heating bodies separately. Pressure losses and volume flow rates in the pipeline network are determined separately. The valves of the heating bodies are opened simultaneously, and the pressure losses and the volume flow rates in the pipeline network are determined simultaneously. Individual flow resistances of the heating bodies are determined simultaneously from the determined pressure losses and the volume flow rates.

IPC 8 full level

F24D 19/10 (2006.01)

CPC (source: EP US)

F24D 19/1018 (2013.01 - EP US)

Citation (search report)

- [A] WO 9717575 A1 19970515 - KANGAS MATTI ILMARI [FI]
- [A] WO 2008025452 A1 20080306 - WILO AG [DE], et al
- [A] EP 0795724 A1 19970917 - COMAP [FR]
- [A] WO 2008025453 A1 20080306 - WILO AG [DE], et al
- [AD] DE 3529257 A1 19870219 - FORSCHUNGSGESELLSCHAFT HEIZUNG [DE]

Cited by

CN104613537A; CN114222891A; DE102014102275B4; DE102014102275A1; US12044427B2; WO2021013406A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

EP 2226575 A2 20100908; EP 2226575 A3 20110810; EP 2226575 B1 20131106; DE 102009011522 A1 20100923;
DE 102009011522 B4 20180308

DOCDB simple family (application)

EP 10002952 A 20100319; DE 102009011522 A 20090306