

Title (en)

Parallel-fed nonstagnant integrated water distribution network for domestic water and fire sprinkler application

Title (de)

Parallel gespeistes integriertes Versorgungsnetz für nicht stagnierendes Wasser für Hauswasser und Sprinkleranlage

Title (fr)

Réseau de distribution d'eau courante intégré à alimentation en parallèle pour eau domestique et extinction d'incendie

Publication

EP 1132528 A1 20010912 (EN)

Application

EP 00104894 A 20000308

Priority

EP 00104894 A 20000308

Abstract (en)

An integrated water distribution network supplies the requirements of both domestic and fire sprinkler water fixtures in a dwelling structure. The network includes a plurality of multiport fittings which are interconnected together with flexible conduits. A conventional fire sprinkler is also coupled to the multiport fittings. The network is supplied water by a plurality of water supply lines which originate at a manifold. Individual water fixtures are connected to the distribution system through flexible lines. During use of a water fixture, water flow through essentially the entire system is established. The distribution system can thus be characterized as a "nonstagnant" water network. <IMAGE>

IPC 1-7

E03B 7/04

IPC 8 full level

A62C 35/60 (2006.01); **E03B 7/04** (2006.01)

CPC (source: EP)

A62C 35/60 (2013.01); **E03B 7/04** (2013.01)

Citation (search report)

- [A] DE 2124720 A1 19721207
- [A] DE 2124719 A1 19721207
- [A] EP 0454062 A1 19911030 - HATTORI TAKAMASA [JP]
- [A] US 2017841 A 19351022 - COLEMAN JOHN B

Cited by

NL2003496C2; EP2468364A1; WO2011034417A1; TWI666536B

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1132528 A1 20010912; EP 1132528 B1 20050601; AT E296922 T1 20050615; DE 60020519 D1 20050707; DE 60020519 T2 20060427; DK 1132528 T3 20051003; ES 2243161 T3 20051201

DOCDB simple family (application)

EP 00104894 A 20000308; AT 00104894 T 20000308; DE 60020519 T 20000308; DK 00104894 T 20000308; ES 00104894 T 20000308