

Title (en)

BUILDING COMPRISING A WATER-FILLED STEEL FRAME AND AN INTEGRATED SPRINKLER INSTALLATION

Title (de)

GEBÄUDE MIT EINEM WASSEGEFÜLLTEN STAHLGERÜST UND EINE INTEGRIERTE SPRINKLERANLAGE

Title (fr)

CONSTRUCTION COMPRENANT UN CHASSIS METALLIQUE IRRIGUE ET UN SYSTEME D'EXTINCTION AUTOMATIQUE INTEGRE

Publication

**EP 1131505 A1 20010912 (EN)**

Application

**EP 99956347 A 19991115**

Priority

- NL 9900699 W 19991115
- NL 1010548 A 19981113

Abstract (en)

[origin: WO0029687A1] A building comprising a steel frame which forms the supporting structure of the building, and which is built up from a plurality of frame parts, such as columns, girders and/or rafters, at least a number of the frame parts comprising water-filled channels integrated into the frame part construction, which channels are in mutual fluid communication with each other to form a pipe system, the building being provided with a plurality of extinguishing heads which are in fluid communication with the channels, a pump and a water source being provided to supply water to the pipe system, the frame parts comprising a channel being designed as a pipe closed at the ends and having a circular cross-section and at least one strengthening section having at least one leg and a body.

IPC 1-7

**E04B 1/94**

IPC 8 full level

**E04B 1/94** (2006.01)

CPC (source: EP)

**E04B 1/945** (2013.01); **E04B 2001/949** (2013.01); **Y02A 20/00** (2017.12)

Citation (search report)

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