

Title (en)

Modular building scaffold based on pipes filled with water

Title (de)

Modulares Baugerüst, das auf mit Wasser gefüllten Rohren basiert

Title (fr)

Échafaudage d'immeuble modulaire basé sur des tuyaux remplis d'eau

Publication

**EP 2305920 A1 20110406 (EN)**

Application

**EP 09425376 A 20090928**

Priority

EP 09425376 A 20090928

Abstract (en)

The present invention consists in a modular building scaffold based on transparent pipes filled with water. It means to have a structure very easy to transport and manage which becomes a heavy and stable structured when every element is mounted on and filled with water. All the scaffold can be imagined like a unique long pipeline so that it is very simple to fill it with water. The Three main elements of the modular frame are the ledgers (1), which are the sole element partially assembled forming a square pipeline, the screw couplers (3,4) and the standards (2). Tubes are made of transparent material to ensure every one can control water level in real time.

IPC 8 full level

**E04G 1/04** (2006.01); **E04G 1/06** (2006.01); **E04G 1/14** (2006.01)

CPC (source: EP)

**E04G 1/04** (2013.01); **E04G 1/06** (2013.01); **E04G 1/14** (2013.01)

Citation (search report)

- [A] DE 1775125 A1 19710527 - HEROLD WILLY
- [A] EP 0529972 A2 19930303 - KASYU INTERNATIONAL CORP [JP]
- [A] US 4065890 A 19780103 - FENNER WOLFGANG
- [A] FR 2538438 A1 19840629 - SOLETANCHE [FR], et al

Cited by

CN105863239A; CN105863237A; CN104018655A; CN105863238A; CN108532927A; CN105863230A

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 RS

DOCDB simple family (publication)

**EP 2305920 A1 20110406**

DOCDB simple family (application)

**EP 09425376 A 20090928**