

Title (en)

A watch tower, particularly for fire-watching and reporting of fires.

Title (de)

Beobachtungsturm, insbesondere zur Beobachtung und detektion von Bränden.

Title (fr)

Tour de surveillance, particulièrement pour la surveillance et la détection des feux.

Publication

EP 0659959 A1 19950628 (EN)

Application

EP 94120223 A 19941220

Priority

IT TO930978 A 19931221

Abstract (en)

The tower (5) includes a foundation structure (6), an observation cabin (7) and a tower structure (8) arranged between the foundation structure (6) and the cabin (7) and including a plurality of identical, superposed modules (21). In order to convey personnel rapidly between an additional base module (34) and the module (21) under the cabin (7), a lift (19) is provided which is operated by an electrical generator arranged in the foundation structure (6). The modules (21, 34) are also interconnected by runged ladders (32, 32', 32''). The cabin (7) has walls (46, 47) with glazed units (56), a peripheral balcony (51) accessible through a door (57) and an insulated roof (64). Each module (21) may be constituted by tubular rods (22, 23, 26, 27) arranged in a three-dimensional lattice and may have an associated sheath (74) formed by a mesh screen (77). The sheath (74) includes a portion (76) extending towards the underlying module (21) so as to form a semitransparent cladding for the tower (5) in the form of a sectioned cylinder. <IMAGE> <IMAGE>

IPC 1-7

E04H 12/00; **E04H 1/12**

IPC 8 full level

E04H 1/12 (2006.01); **E04H 12/00** (2006.01); **E04B 1/00** (2006.01)

CPC (source: EP)

E04H 1/1205 (2013.01); **E04H 12/00** (2013.01); **E04H 12/10** (2013.01); **E04B 2001/0092** (2013.01)

Citation (search report)

- [X] US 3156017 A 19641110 - LEOPOLD FAERBER
- [X] GB 1109555 A 19680410 - ANZEN SAKUDO KABUSHIKI KAISHA, et al

Cited by

ES2369463A1; FR3010114A1; CN102383629A; ES2230926A1; GB2340850B; EP1031681A1; ITFE20090013A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0659959 A1 19950628; IT 1261390 B 19960520; IT TO930978 A0 19931221; IT TO930978 A1 19950621

DOCDB simple family (application)

EP 94120223 A 19941220; IT TO930978 A 19931221