

Title (en)
SELF-SUPPORTING LOG-LIKE BUILDING COMPONENT

Title (de)
SELBSTTRAGENDES BAUMSTAMMÄHNLICHES BAUELEMENT

Title (fr)
ELEMENT DE CONSTRUCTION AUTOPORTEUR DE TYPE RONDIN

Publication
EP 0954655 A1 19991110 (EN)

Application
EP 97913222 A 19971126

Priority
• FI 9700724 W 19971126
• FI 964726 A 19961127

Abstract (en)
[origin: WO9823825A1] The publication discloses a log-like building component (10) having an exterior side surface (7), an interior side surface (8), an insulation part (1) between these, and members (5, 6) which interconnect the insulation part and the side surfaces. According to the invention the insulation part (1) of the building component (10) serves as a loadbearing structure. Between the insulation part and the side surfaces there is a void (14) which, via openings in the interconnecting members (5, 6), is in air contact with the voids in the building components above and below. The building components can be self-locatingly stacked one on top of another to form the loadbearing structure of a building. All the necessary wiring and piping of the building can be installed at the factory in the voids (14) in the components, and the side surfaces (7, 8) can be given a coating finish at the factory. A building completely ready for use can be erected very rapidly from building components according to the invention.

IPC 1-7
E04C 3/29

IPC 8 full level
E04C 1/39 (2006.01); **E04B 2/02** (2006.01); **E04C 1/40** (2006.01); **E04C 3/29** (2006.01)

CPC (source: EP KR)
E04B 1/10 (2013.01 - KR); **E04C 1/39** (2013.01 - EP); **E04C 1/40** (2013.01 - EP); **E04B 2002/0206** (2013.01 - EP)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9823825 A1 19980604; AP 9901592 A0 19990630; AU 5055698 A 19980622; BG 103531 A 20000331; BR 9713152 A 20000208; CA 2272324 A1 19980604; CN 1238822 A 19991215; EA 199900496 A1 20000626; EE 9900212 A 19991215; EP 0954655 A1 19991110; FI 101494 B1 19980630; FI 101494 B 19980630; FI 964726 A0 19961127; GE P20002305 B 20001125; HU P0000429 A2 20000828; HU P0000429 A3 20000928; ID 24193 A 20000713; IL 130066 A0 20000229; JP 2001504561 A 20010403; KR 20000069145 A 20001125; NO 992521 D0 19990526; NO 992521 L 19990701; NZ 336408 A 20010330; OA 11121 A 20030404; SK 70799 A3 20000313; TR 199901176 T2 19990721; YU 23299 A 20000321

DOCDB simple family (application)
FI 9700724 W 19971126; AP 9901592 A 19971126; AU 5055698 A 19971126; BG 10353199 A 19990625; BR 9713152 A 19971126; CA 2272324 A 19971126; CN 97180097 A 19971126; EA 199900496 A 19971126; EE 9900212 A 19971126; EP 97913222 A 19971126; FI 964726 A 19961127; GE AP1997004860 A 19971126; HU P0000429 A 19971126; ID 990606 A 19971126; IL 13006697 A 19971126; JP 52432798 A 19971126; KR 19997004659 A 19990526; NO 992521 A 19990526; NZ 33640897 A 19971126; OA 9900108 A 19990525; SK 70799 A 19971126; TR 9901176 T 19971126; YU 23299 A 19971126