

Title (en)
BEAM FOR CONSTRUCTING WOOD-FRAMED BUILDINGS, CONSTRUCTION ELEMENT INCORPORATING SAID BEAM AND BUILDING
CONSTRUCTED WITH AT LEAST ONE SUCH ELEMENT

Title (de)
BALKEN ZUR KONSTRUKTION VON HOLZRAHMENGEBÄUDEN, BAUELEMENT MIT BESAGTEM BALKEN UND GEBÄUDE MIT MINDESTENS
EINEM SOLCHEN ELEMENT

Title (fr)
POUTRELLE POUR LA CONSTRUCTION DE BÂTIMENTS À OSSATURE BOIS, ÉLÉMENT DE CONSTRUCTION L'INCORPORANT, ET
BÂTIMENT CONSTRUIT AVEC AU MOINS UN TEL ÉLÉMENT

Publication
EP 4301942 A1 20240110 (FR)

Application
EP 22708166 A 20220301

Priority
• FR 2102099 A 20210304
• EP 2022055041 W 20220301

Abstract (en)
[origin: WO2022184663A1] A beam (P) for a construction element for a wood-framed structure is disclosed. The beam comprises two longitudinal members (P1) which extend longitudinally parallel with, and at a distance from, each other. Each of the longitudinal members comprises an external face (P2) and an internal face (P3). The respective internal faces of the longitudinal members face each other. The beam is closed by closing panels (P5, P5') which bear against the transverse sides of the longitudinal members. The external face of at least one of the longitudinal members is provided with at least one longitudinal groove for receiving a sealing strip which is suitable for providing a seal between the beam and another element, for example a counter-bracing panel of the structure incorporating the beam. The beam allows a wood-framed structure, such as a house or a building, to be constructed while ensuring that the building is completely sealed as soon as it is constructed.

IPC 8 full level
E04B 2/70 (2006.01); **E04C 3/12** (2006.01); **E04C 3/14** (2006.01)

CPC (source: EP US)
E04B 2/707 (2013.01 - EP); **E04C 3/122** (2013.01 - EP); **E04C 3/127** (2013.01 - EP); **E04C 3/14** (2013.01 - EP US)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022184663 A1 20220909; CA 3207048 A1 20220909; EP 4301942 A1 20240110; FR 3120377 A1 20220909; FR 3120377 B1 20240112;
US 2024151034 A1 20240509

DOCDB simple family (application)
EP 2022055041 W 20220301; CA 3207048 A 20220301; EP 22708166 A 20220301; FR 2102099 A 20210304; US 202218279876 A 20220301