

Title (en)  
CONSTRUCTION NODE

Title (de)  
BAUKNOTEN

Title (fr)  
NOEUD DE CONSTRUCTION

Publication  
**EP 4273339 A1 20231108 (EN)**

Application  
**EP 22171136 A 20220502**

Priority  
EP 22171136 A 20220502

Abstract (en)  
System for composing a construction node (400, 500), comprising:- a central body (100) comprising flat surfaces (101, 104, 103, 112) parallel to a direction Y;- one or more holding elements (200, 300) of a first and second design, wherein the system is adapted to compose different configurations of a construction node by releasably connecting holding elements (200, 300) to the flat surfaces, each of the connected holding elements (200, 300) adapted to hold an elongated element (600, 601), such that the central axis (607) of the elongated element (600, 601) defines a connection line (801, 802), and wherein:- for a holding element (200) of the first design, the connection line (801) is perpendicular to the flat surface, and- for a holding element (300) of the second design, the connection line (802) is inclined with respect to the flat surface.

IPC 8 full level  
**E04B 1/19** (2006.01); **E04B 1/26** (2006.01)

CPC (source: EP)  
**E04B 1/1912** (2013.01); **E04B 1/2604** (2013.01); **E04B 2001/2648** (2013.01); **E04B 2001/2676** (2013.01)

Citation (applicant)  

- FR 1554634 A 19690124
- US 3914063 A 19751021 - PAPAYOTI HRISTO V
- US 5918998 A 19990706 - POURMAND TOORAJ [US]
- FR 2350543 A1 19771202 - DZIEWOLSKI RICHARD [FR]
- CN 110306667 A 20191008 - UNIV QINGDAO TECHNOLOGY

Citation (search report)  

- [XII] IT 201800003583 A1 20190915 - VIERO LAURA [IT], et al
- [XII] US 2015093184 A1 20150402 - HENRY DREW P [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

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