

Title (en)
SYSTEM OF INTERCONNECTED STRUCTURAL ELEMENTS

Title (de)
SYSTEM MITEINANDER VERBUNDENER BAUELEMENTE

Title (fr)
SYSTEME D'ELEMENTS DE CONSTRUCTION ASSEMBLES

Publication
EP 1631727 A1 20060308 (DE)

Application
EP 04730987 A 20040504

Priority
• EP 2004004736 W 20040504
• DE 20306942 U 20030506

Abstract (en)
[origin: WO2004099516A1] The invention relates to a system of interconnected structural elements, especially a supporting framework system. Said system comprises a first structural element (1) inside which at least one shear connector (6) that is provided with studs (18, 24) is embedded, said studs (18, 24) engaging into the first structural element (1), and at least one additional structural element (2, 3, 4). In order to create a plurality of different joints with the aid of a small number of parts, the shear connector (6) is provided with at least one connection point for at least one additional structural element (2, 3, 4). Preferably, the at least one additional structural element (2, 3, 4) extends at an angle from or perpendicular to the first structural element and cooperates with a connection point of the second structural element (2, 3, 4) via an opening in the first structural element (1).

IPC 1-7
E04B 1/26; E04B 1/49

IPC 8 full level
E04B 1/26 (2006.01)

CPC (source: EP)
E04B 1/2604 (2013.01); **E04B 2001/264** (2013.01); **E04B 2001/2652** (2013.01)

Citation (search report)
See references of WO 2004099516A1

Designated contracting state (EPC)
AT CH DE LI

DOCDB simple family (publication)
DE 20306942 U1 20030731; EP 1631727 A1 20060308; WO 2004099516 A1 20041118

DOCDB simple family (application)
DE 20306942 U 20030506; EP 04730987 A 20040504; EP 2004004736 W 20040504