

Title (en)

On-site mixed flat composite girder structure for unidirectional flat concrete flooring construction

Title (de)

Flache Verbundträgerstruktur hergestellt auf der Baustelle für unidirektionalen Flachdecken aus Beton

Title (fr)

Structure de poutre mixte plane réalisée sur chantier pour la construction de dalles plates unidirectionnelles en béton

Publication

EP 0790367 B1 20030507 (EN)

Application

EP 97500036 A 19970214

Priority

ES 9600363 A 19960215

Abstract (en)

[origin: EP0790367A1] The unidirectional flat concrete flooring construction system according to the improvement uses special structures for forming the mixed flat girders on-site, said special structures being based on an inverted "T" metal profile (1) to which are welded, through one of its ends, connectors (4) arranged in a slanting position in respect to the horizontal, being complemented by an upper horizontal hanger made of a corrugated round rod (7) to which are welded the other ends of the connectors (4), so that said structure complemented by the planking (10), the supporting pillars (9), the semi-resistant joists (11), the hollow bricks (14) and other structural elements is able to provide, by on-site laying of concrete, mixed flat girders with a stem and a concrete compression layer which allows for continuity of the girders. <IMAGE>

IPC 1-7

E04C 5/065; **E04B 5/29**

IPC 8 full level

E04B 5/29 (2006.01); **E04C 5/065** (2006.01)

CPC (source: EP ES)

E04B 5/19 (2013.01 - ES); **E04B 5/29** (2013.01 - EP ES); **E04C 5/065** (2013.01 - EP ES)

Cited by

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EP 0790367 A1 19970820; **EP 0790367 B1 20030507**; AT E239839 T1 20030515; DE 69721606 D1 20030612; DE 69721606 T2 20040219; DK 0790367 T3 20030901; ES 2132002 A1 19990801; ES 2132002 B1 20000416; ES 2237216 A1 20050716; ES 2237216 B1 20060601; PT 790367 E 20030930

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