

Title (en)

Composite steel truss and concrete floor construction.

Title (de)

Zusammengesetztes Stahlfachwerk und Beton-Deckenkonstruktion.

Title (fr)

Charpente d'acier composée et construction de plancher en béton.

Publication

EP 0150545 A1 19850807 (EN)

Application

EP 84300495 A 19840126

Priority

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Abstract (en)

A steel primary framing member, or truss (12), and concrete floor structure (54) in which the top chord of the truss (12), regardless of cross-sectional configuration, is totally or at least partially embedded in the concrete to cause the concrete floor (54) and steel truss (12) to function together structurally as a composite system. The upper chord of the truss (12) acts as a continuous or substantially continuous shear connector thus enabling the top chord to perform a multi-purpose function. Additionally, the top chord may be of any configuration and may be either a solid piece or contain perforations.

IPC 1-7

E04B 5/10

IPC 8 full level

E04B 5/29 (2006.01); **E04B 5/40** (2006.01)

CPC (source: EP)

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Citation (search report)

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