

Title (en)
Composite floor structures

Title (de)
Decken in Verbundbauweise

Title (fr)
Structures de plancher composites

Publication
EP 1394330 A1 20040303 (EN)

Application
EP 03255121 A 20030819

Priority
GB 0219912 A 20020828

Abstract (en)
A composite floor structure comprises a profiled steel deck which is bordered on its sides with edge sections to define a framework which is filled in situ with concrete. The profiled steel deck comprises upper and lower generally horizontal flange surfaces joined by downwardly and outwardly inclined straight or curvilinear web surfaces and edge laps extending outwardly from sides of the steel deck. The edge sections each comprise an upstanding web from the upper margin of which projects a first flange which assists in determining the level of concrete required to cover the deck. A second flange is provided to which is secured or on which is mounted a longitudinal edge lap or side of the deck. <IMAGE>

IPC 1-7
E04B 5/40

IPC 8 full level
E04B 5/40 (2006.01); **E04B 5/32** (2006.01)

CPC (source: EP)
E04B 5/40 (2013.01); **E04B 2005/322** (2013.01)

Citation (search report)

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