

Title (en)  
DEMOUNTABLE MODULAR FLOOR FOR WATERTIGHT RAISED DECKS

Title (de)  
DEMONTIERBARER MODULARER BODEN FÜR WASSERDICHTES ERHÖHTES DECK

Title (fr)  
FAUX PLANCHER MODULAIRE DEMONTABLE POUR PLATES-FORMES SURELEVÉES ETANCHES

Publication  
**EP 1165909 B1 20030702 (EN)**

Application  
**EP 00921025 A 20000323**

Priority  
• IT 0000103 W 20000323  
• IT RM990192 A 19990326

Abstract (en)  
[origin: WO0058583A1] A demountable modular floor for watertight raised decks consisting of a plurality of modularly assemblable composite slabs made of steel sheet and concrete, provided with a drainage system for collecting and conveying the rainwater between the slabs, wherein each composite slab comprises a bottom element (1) made of corrugated metal sheet surrounded by four suitably shaped metal sections (2, 3) and filled with a concrete layer (14), as well as four segments of upwardly open gutters (6, 7) peripherally arranged around said composite slab. The structure is completed by grid elements (8) covering the gutters (6) of larger width. The floor structure allows a rapid setting up of the raised deck and, at the same time, it affords the total dismantling thereof and prevents any seepage or leakage of water towards the underlying area.

IPC 1-7  
**E04H 6/10**; **E04B 5/40**; **E04B 5/48**

IPC 8 full level  
**E04B 5/40** (2006.01); **E04B 5/48** (2006.01); **E04H 6/10** (2006.01); **E04B 5/32** (2006.01)

CPC (source: EP)  
**E04B 5/04** (2013.01); **E04B 5/40** (2013.01); **E04B 5/48** (2013.01); **E04H 6/10** (2013.01); **E04B 2005/322** (2013.01)

Cited by  
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