

Title (en)
Floor construction

Title (de)
Bodenkonstruktion

Title (fr)
Structure de sol

Publication
EP 2583914 B1 20170111 (DE)

Application
EP 13151580 A 20111107

Priority
• DE 102010050891 A 20101110
• EP 11008823 A 20111107

Abstract (en)
[origin: EP2452896A2] The structure has an upper cover layer spaced at a distance to a lower cover layer. Transverse carriers are arranged between the lower and upper cover layers. The carriers together with the cover layers limit a gap (18). The upper cover layer comprises a strand profile (16) with a hollow region (42) opened to the gap. The gap and the hollow region of the strand profile are approximately and completely filled with a foam material (20). The hollow region of the profile is defined by bars (26) extending from an outer wall (24) of the strand profile vertically inward in direction of the carriers. An independent claim is also included for a method for manufacturing a heat insulating floor structure for a vehicle and a container.

IPC 8 full level
B65D 88/74 (2006.01); **B65D 90/02** (2019.01); **B65D 90/06** (2006.01)

CPC (source: EP US)
B65D 90/006 (2013.01 - EP); **B65D 90/02** (2013.01 - EP US); **B65D 90/022** (2013.01 - EP)

Cited by
CN104691631A; CN106185089A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2452896 A2 20120516; EP 2452896 A3 20120530; EP 2452896 B1 20160629; CN 102537591 A 20120704; CN 102537591 B 20160803; CN 105620960 A 20160601; DE 102010050891 A1 20120510; EP 2583914 A1 20130424; EP 2583914 B1 20170111; ES 2592563 T3 20161130; ES 2622434 T3 20170706; PL 2452896 T3 20170630; PL 2583914 T3 20170630

DOCDB simple family (application)
EP 11008823 A 20111107; CN 201110355265 A 20111110; CN 201510264485 A 20111110; DE 102010050891 A 20101110; EP 13151580 A 20111107; ES 11008823 T 20111107; ES 13151580 T 20111107; PL 11008823 T 20111107; PL 13151580 T 20111107