

Title (en)

Dilatation and contraction joints in traffic areas made of concrete

Title (de)

Dilatations- und Kontraktionsfugen bei Verkehrsflächen aus Beton

Title (fr)

Joint de dilatation et de contraction pour des surfaces de voies de circulation en béton

Publication

EP 2829657 B1 20160629 (DE)

Application

EP 14177431 A 20140717

Priority

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- DE 202013103285 U 20130722

Abstract (en)

[origin: WO2015011017A1] Joint construction for drive-over traffic surfaces consisting of concrete slabs (1, 2, 3) which can be produced in situ, comprising end frames (6, 7, 36) for enclosing the concrete slabs (1, 2, 3), which end frames each have a substantially vertically oriented central leg (8, 41) intended for covering the vertical end faces of the concrete slabs (1, 2, 3), which leg merges at the top into a horizontally angled-off upper end leg (9, 42, 43) and at the bottom into a likewise horizontally angled-off lower support leg (10, 44, 45), wherein, in the upper region (11) of the central leg (8, 41) close to the drive-over surface (22) of the concrete slab (1, 2, 3), the end frames (6, 7, 36) are provided with in each case a horizontally extending, lateral claw groove (12), wherein the open sides of the claw grooves (12) of adjacent concrete slabs (1, 2, 3) are opposite one another at a distance corresponding to the joint width of a joint chamber (19) provided between the concrete slabs (1, 2, 3), and wherein the joint chamber (19) is covered by an expansion joint profile seal (21, 37) in the form of a hollow chamber profile of elastic material substantially flush with the drive-over surface (22) of the upper end leg (9, 42, 43) of the concrete slabs (1, 2, 3), wherein the expansion joint profile seal (21) projects downwardly into the region of the claw grooves (12) and has laterally projecting anchoring lips (24) which latch into the claw grooves (12).

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