

Title (en)  
DRIVABLE CONSTRUCTION

Title (de)  
BEFAHRBARES BAUWERK

Title (fr)  
CONSTRUCTION POUVANT ÊTRE ENTRAÎNÉE

Publication  
**EP 4274931 A1 20231115 (DE)**

Application  
**EP 22835236 A 20221208**

Priority  
• DE 102021006143 A 20211213  
• EP 2022084908 W 20221208

Abstract (en)  
[origin: WO2023110603A1] The invention relates to a drivable construction (1), comprising a first partial construction (2.1) and second partial construction (2.2) movable relative to the first partial construction, wherein the first partial construction (2.1) comprises a first substructure (3.1) and a first roadway structure (4.1), which forms a first drivable surface (5), and the second partial construction (2.2) comprises a second substructure (3.2) and a second roadway structure (4.2), which forms a second drivable surface (5). According to the invention, there is an expansion joint (7) between the first substructure (3.1) and the second substructure (3.2). A bridging structure (9) extends between the first roadway structure (4.1) and the second roadway structure (4.2). The bridging structure spans the expansion joint (7) and has a support plate (17) and an expansion body (10). The expansion body is supported by the support plate, is cast on site from casting compound, and forms a drivable surface (8). The expansion body casting compound is polymer-based. And the expansion body (10) has a multi-layer structure produced in a plurality of successive casting operations; at least two of the layers (31, 32, 33) of the expansion body (10) have different compositions.

IPC 8 full level  
**E01D 19/06** (2006.01); **E01C 11/12** (2006.01)

CPC (source: EP)  
**E01C 11/123** (2013.01); **E01D 19/067** (2013.01)

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021006143 A1 20230615**; EP 4274931 A1 20231115; WO 2023110603 A1 20230622

DOCDB simple family (application)  
**DE 102021006143 A 20211213**; EP 2022084908 W 20221208; EP 22835236 A 20221208