

Title (en)
TRANSITION CONSTRUCTION FOR BRIDGING A STRUCTURE JOINT

Title (de)
ÜBERGANGSKONSTRUKTION ZUR ÜBERBRÜCKUNG EINER BAUWERKSFUGE

Title (fr)
STRUCTURE DE TRANSITION POUR LE PONTAGE D'UN JOINT DE STRUCTURE

Publication
EP 4087977 A1 20221116 (DE)

Application
EP 21702650 A 20210129

Priority
• DE 102020201076 A 20200129
• EP 2021052078 W 20210129

Abstract (en)
[origin: CA3168701A1] The present invention relates to a transition construction (10B) for bridging a structure joint (14) between two structure parts (12) and (12b) of a structure (12). The transition construction (10B) has at least two crossmembers (16), which are mounted on the structure edges, and at least one lamella (20), which is mounted so as to be displaceable on said crossmembers (16), wherein a main sliding surface (22) is arranged between at least one crossmember (16) and at least one lamella (20). The main sliding surface (22) has at least two component sliding surfaces (22a) and (22b), which are each arranged in sliding planes (34a) and (34b) that are angled with respect to one another, wherein the sliding planes (34a) and (34b) meet at a common line of intersection S that forms a movement axis A, along which the lamella (20) can move relative to the crossmember (16). Here, at least one sliding plane (34a, 34b) is arranged at an inclined angle with respect to movement plane B of the transition construction (10B).

IPC 8 full level
E01D 19/06 (2006.01)

CPC (source: EP KR US)
E01B 11/56 (2013.01 - US); **E01D 19/062** (2013.01 - EP KR); **E01D 19/065** (2013.01 - KR); **E01B 2202/025** (2013.01 - US)

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102020201076 B3 20210520; AU 2021215022 A1 20220825; AU 2021215022 B2 20240314; CA 3168701 A1 20210805; CL 2022002042 A1 20230127; CN 115023521 A 20220906; EP 4087977 A1 20221116; JP 2023512197 A 20230324; JP 7462767 B2 20240405; KR 20220120685 A 20220830; MX 2022009282 A 20220816; PE 20221695 A1 20221102; US 2023046504 A1 20230216; WO 2021152072 A1 20210805

DOCDB simple family (application)
DE 102020201076 A 20200129; AU 2021215022 A 20210129; CA 3168701 A 20210129; CL 2022002042 A 20220728; CN 202180011630 A 20210129; EP 2021052078 W 20210129; EP 21702650 A 20210129; JP 2022545433 A 20210129; KR 20227026785 A 20210129; MX 2022009282 A 20210129; PE 2022001514 A 20210129; US 202117796555 A 20210129