

Title (en)
EXPANSION JOINT BRIDGING DEVICE

Title (de)
DEHNFUGEN-ÜBERBRÜCKUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ENJAMBEMENT DE JOINT DE DILATATION

Publication
EP 4065773 A1 20221005 (DE)

Application
EP 20812278 A 20201124

Priority
• DE 102019132189 A 20191127
• EP 2020083200 W 20201124

Abstract (en)
[origin: WO2021105118A1] An expansion joint bridging device (1) in the form of a plate-type roadway joint (2) which bridges an expansion joint (5) between two building components (3, 4). The expansion joint (5) is spanned by crossbeams (6) which are load-bearingly supported on both building components (3, 4). Supported on the crossbeams (6) is at least one plate (7) disposed above the crossbeams (6), said plate (7) comprising two plate portions (7.1, 7.2) which lie flush with one another and are force-transmittingly interconnected. The plate portions (7.1, 7.2) are connected in situ by means of at least one cover plate (10) which bridges the joint (9) between the plate portions (7.1, 7.2) and force-transmittingly connects the two plate portions (7.1, 7.2). At least one of the connections between the cover plate (10) and the plate portions (7.1, 7.2) is hinged, having a rotational degree of freedom about an axis extending horizontally transversely to the orientation of the relevant plate (7).

IPC 8 full level
E01D 19/06 (2006.01)

CPC (source: EP US)
E01D 19/062 (2013.01 - EP US)

Citation (search report)
See references of WO 2021105118A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
DE 102019132189 A1 20210527; CN 115003883 A 20220902; EP 4065773 A1 20221005; EP 4065773 B1 20231122; EP 4065773 C0 20231122; US 2022282434 A1 20220908; WO 2021105118 A1 20210603

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