

Title (en)

THERMAL BREAK FOR CONCRETE SLABS

Title (de)

THERMISCHE TRENNUNG FÜR BETONPLATTEN

Title (fr)

BARRIÈRE THERMIQUE POUR DALLES DE BÉTON

Publication

**EP 3737799 A1 20201118 (EN)**

Application

**EP 19738325 A 20190110**

Priority

- US 2019013021 W 20190110
- US 201862615499 P 20180110

Abstract (en)

[origin: WO2019140071A1] A thermal break system for cast-in-place concrete slabs is provided that includes a load-bearing structural foam barrier designed to separate an interior portion of concrete slab from an exterior portion of concrete slab. The thermal break system includes a plurality of reinforcing tension bars holes passing through the insulating barrier. In addition, reinforcing shear bars are inserted through the insulating foam at a non-horizontal angle and bent such that the shear bars are horizontal on either side of the insulating barrier.

IPC 8 full level

**E04B 1/04** (2006.01); **E04B 1/14** (2006.01); **E04B 5/32** (2006.01)

CPC (source: EP US)

**E04B 1/0038** (2013.01 - EP US); **E04B 5/32** (2013.01 - EP US)

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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