

Title (en)

Construction element for ceiling and wall arc boards and method for its manufacture

Title (de)

Bauelement für Decken- und Wandbogenplatten sowie Verfahren zu dessen Herstellung

Title (fr)

Élément de construction pour plaques de plafond et d'arc formeret ainsi que procédé de fabrication de celui-ci

Publication

**EP 2309070 B1 20120530 (DE)**

Application

**EP 09010210 A 20090806**

Priority

EP 09010210 A 20090806

Abstract (en)

[origin: WO2011015372A1] The curved structural element comprises a flexible arched panel (10), which has two opposite side edges, a plurality of spaced-apart projections (11) extending upwards from the arched panel (10) on at least one of the side edges, and at least one elongate side segment (30), which has an upper and a lower curved longitudinal edge, the lower longitudinal edge facing the arched panel (10). The projections (11) each have a retaining portion (13), which extends inwards at a distance from the arched panel (10) and into which the upper longitudinal edge of the side segment (30) engages with a form fit. Also preferably provided between the projections (11) and the arched panel is a narrow web (3), which extends upwards from the arched panel (10) and with which the projections (11) merge.

IPC 8 full level

**E04B 9/34** (2006.01); **E04C 3/40** (2006.01); **E04B 2/74** (2006.01)

CPC (source: EP)

**E04B 9/0414** (2013.01); **E04B 9/0478** (2013.01); **E04B 9/34** (2013.01); **E04B 2002/7481** (2013.01); **E04B 2103/06** (2013.01)

Cited by

CN109914675A

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011015372 A1 20110210**; EP 2309070 A1 20110413; EP 2309070 B1 20120530

DOCDB simple family (application)

**EP 2010004834 W 20100806**; EP 09010210 A 20090806