

Title (en)
PREFABRICATED ARCH ELEMENT FOR ARCHED VAULTS

Title (de)
VORGEFERTIGTES BOGENELEMENT FÜR BOGENGEWÖLBE

Title (fr)
ÉLÉMENT ARQUÉ PRÉFABRIQUÉ POUR VOÛTES ARQUÉES

Publication
EP 3725970 A1 20201021 (EN)

Application
EP 20169225 A 20200411

Priority
• BE 201905262 A 20190419
• EP 19170283 A 20190418

Abstract (en)
The present invention relates to a prefabricated arch element (1) for building an arched vault (11), comprising two girder elements (2) and arch-shaped masonry (3), which is laid between these girder elements (2). In addition, the present invention relates to a vault (11) which is built using such prefabricated arch elements (1), a method for producing such a prefabricated arch element (1), a method for building such a vault (11) and a device for producing such a prefabricated arch element (1).

IPC 8 full level
E04B 5/36 (2006.01); **E04B 1/32** (2006.01); **E04B 5/44** (2006.01); **B28B 23/00** (2006.01); **E04B 7/08** (2006.01); **E04G 21/18** (2006.01)

CPC (source: EP)
B28B 19/0053 (2013.01); **B28B 23/022** (2013.01); **E04B 5/36** (2013.01); **E04B 5/44** (2013.01); **E04B 7/08** (2013.01); **E04C 3/44** (2013.01)

Citation (applicant)
• EP 0947639 A1 19991006 - ADLER PETER [DE]
• MX 2013000403 A 20140722 - NOVALOSA PROYECTOS S A DE C V [MX]

Citation (search report)
• [XAI] KR 20140087834 A 20140709 - WOO KYUNG TECH [KR]
• [A] GB 2449919 A 20081210 - LINTON BRICK LTD [GB]
• [A] DE 202015003692 U1 20150706 - GE PROJEKTERRICHTUNGSGMBH [AT]
• [AD] MX 2013000403 A 20140722 - NOVALOSA PROYECTOS S A DE C V [MX]
• [A] EP 1270839 A2 20030102 - SCHNUBEL BERTWIN [DE]
• [A] US 2005284045 A1 20051229 - SMITH EARL [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

DOCDB simple family (publication)
EP 3725970 A1 20201021; **EP 3725970 B1 20230719**; **EP 3725970 C0 20230719**

DOCDB simple family (application)
EP 20169225 A 20200411