

Title (en)  
BEAM FOR SELF-SUPPORTING STRUCTURES

Title (de)  
TRÄGER FÜR SELBSTTRAGENDE KONSTRUKTION

Title (fr)  
POUTRE POUR STRUCTURE AUTOPORTANTE

Publication  
**EP 4095315 A1 20221130 (EN)**

Application  
**EP 22173690 A 20220517**

Priority  
IT 202100013550 A 20210525

Abstract (en)  
Beam (10) for self-supporting structures, comprising a base plate (11) surmounted by a plurality of reinforcement trellises (12) and by at least one lightening element (13) in which an empty chamber (15) is made.

IPC 8 full level  
**E01D 19/12** (2006.01); **E01D 2/02** (2006.01); **E04B 5/19** (2006.01); **E04B 5/32** (2006.01); **E04B 5/40** (2006.01); **E04C 5/065** (2006.01)

CPC (source: EP)  
**E01D 2/02** (2013.01); **E01D 19/125** (2013.01); **E04B 5/19** (2013.01); **E04B 5/326** (2013.01); **E04B 5/40** (2013.01); **E04C 5/065** (2013.01); **E01D 2/00** (2013.01)

Citation (search report)  
• [A] KR 20130092370 A 20130820 - KENTEC CO LT [JP]  
• [A] KR 20100060385 A 20100607 - UNIV KYUNG HEE UNIV IND COOP GROUP [KR]  
• [A] US 1073906 A 19130923 - KAHN JULIUS [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)  
**EP 4095315 A1 20221130**; **EP 4095315 B1 20240403**; **EP 4095315 C0 20240403**; IT 202100013550 A1 20221125

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