

Title (en)  
SELF-SUPPORTING METALLIC ONDULATED ELEMENT FOR THE ROOF OF A BUILDING

Publication  
**EP 0097104 B1 19861112 (FR)**

Application  
**EP 83401218 A 19830614**

Priority  
FR 8210387 A 19820615

Abstract (en)  
[origin: EP0097104A1] 1. A self supporting metal corrugation for roofing buildings, made from a metal sheet stiffened laterally by two longitudinal bars (9) and having an arcuate cross section, comprising two sections (1, 15) of transversally curved metal sheet, parallel to each other and situated one above the other, characterized in that the longitudinal edges of these two superimposed metal sheet sections (1, 15) are fixed, on each side, to one and the same lateral bar (9) and the space between the two metal sections (1, 15) and the inside of the bar (9) is filled with an injected foaming plastic material (16) providing heat insulation, so as to form a composite single piece beam.

IPC 1-7  
**E04B 7/10**; **E04D 3/35**; **E04C 3/07**

IPC 8 full level  
**E04B 7/10** (2006.01); **E04C 3/07** (2006.01); **E04D 3/35** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)  
**E04B 7/102** (2013.01); **E04C 3/07** (2013.01); **E04D 3/352** (2013.01); **E04C 2003/0421** (2013.01); **E04C 2003/0434** (2013.01); **E04C 2003/0473** (2013.01)

Cited by  
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AT BE CH DE GB IT LI LU NL SE

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**EP 0097104 A1 19831228**; **EP 0097104 B1 19861112**; AT E23594 T1 19861115; DE 3367643 D1 19870102; FR 2528480 A2 19831216; FR 2528480 B2 19850426

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