

Title (en)  
DEFORMABLE SHEET MATERIAL, ESPECIALLY FOR USE IN ROOF TIGHTENING

Publication  
**EP 0038222 A3 19811223 (EN)**

Application  
**EP 81301672 A 19810415**

Priority  
• DK 159880 A 19800415  
• DK 365080 A 19800826

Abstract (en)  
[origin: EP0038222A2] By corrugating a deformable sheet material for use in roof tightening to a continuous S-shape forming waves with troughs, the diameter (a) of which is greater than their slit aperture (b), and by providing the crests of the waves and the external side of the valleys with transverse stampings (4), the sheet can be given substantially the same stretchability and workability as a conventional plane sheet lead and can be used in replacement thereof, for example for tightening the connection between a skylight flashing and a non-plane roofing. The sheet material may consist wholly of lead or another metal, in which case a sheet of smaller thickness than conventional sheet lead can be used, which gives an improved workability, so that assembling can be carried out without hammering with the resulting variations in thickness. The sheet material may, alternatively, be carried out in the form of a sandwich consisting of an aluminium foil (1) and a tension reducing and stabilizing protective layer which may comprise an adhesive paste (3) and a cover foil (2) on one side of the foil (1) or layers of elastomeric material such as natural or synthetic rubber on one side or both sides of the foil. In the latter embodiment, the sheet material may be given the shape of a strip, in one longitudinal side of which a strip- or thread-shaped plumb may be inserted for the purpose of weighing down the strip.

IPC 1-7  
**E04D 13/14**; **E04D 12/00**; **E04D 3/30**; **E04D 3/35**

IPC 8 full level  
**E04D 3/30** (2006.01); **E04D 3/35** (2006.01); **E04D 13/14** (2006.01); **E04D 13/147** (2006.01)

CPC (source: EP)  
**E04D 3/30** (2013.01); **E04D 3/35** (2013.01); **E04D 13/14** (2013.01); **E04D 13/147** (2013.01)

Citation (search report)  
• US 1616968 A 19270208 - HALL NEWTON L  
• FR 981312 A 19510524 - TOCOVER SOC  
• US 2164138 A 19390627 - BERNARD LONDON  
• FR 2076758 A5 19711015 - CEGEBAT GP  
• FR 2214307 A7 19740809 - MICHELOTTI LEOPOLDO [IT]  
• DE 2243836 A1 19740314 - EILHAUER FRIEDRICH DIPL KFM  
• GB 708568 A 19540505 - ICI LTD  
• US 3212956 A 19651019 - MITSUE YOSHIKAWA  
• FR 2321962 A1 19770325 - MINES FOND ZINC VIEILLE [FR]  
• DE 1484294 A1 19690116 - MEYER DR KARL  
• CH 419537 A 19660831 - SCHMIDBERGER HEINRICH [AT]  
• DE 1709019 B2 19741024

Cited by  
EP0277497A3; DE19747217C1; EP0792977A1; DE4333247A1; DE19921339B4; DE19914071A1; EP1213403A3; US7168211B2; BE1018496A3; DE4032058A1; DE4032058C2; US7040061B2; NL1009983C2; US6258439B1; US6057722A; AU2008361310B2; CZ297130B6; EP0380281A3; US5566522A; EP2937487A1; US6280856B1; EP1041215A2; WO2012139887A1; WO2004113640A1; ITRN20080048A1; EP3141673A1; WO9528536A1; WO2010026605A1; WO0216706A1; US6502353B2; US6503601B1; WO9913180A1; WO9531620A1; WO9509287A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0038222 A2 19811021**; **EP 0038222 A3 19811223**; **EP 0038222 B1 19890308**; DE 3176996 D1 19890413; DK 148064 B 19850218; DK 148064 C 19850729; DK 365080 A 19811016; ES 257713 U 19811101; ES 257713 Y 19820501; NO 157670 B 19880118; NO 157670 C 19880427; NO 811304 L 19811016

DOCDB simple family (application)  
**EP 81301672 A 19810415**; DE 3176996 T 19810415; DK 365080 A 19800826; ES 257713 U 19810414; NO 811304 A 19810414