

Title (en)  
MEMBRANE WITH SURFACE STRUCTURE

Title (de)  
MEMBRAN MIT OBERFLÄCHENSTRUKTUR

Title (fr)  
MEMBRANE AVEC UNE STRUCTURE DE SURFACE

Publication  
**EP 2780163 A1 20140924 (DE)**

Application  
**EP 12788501 A 20121114**

Priority  
• EP 11189212 A 20111115  
• EP 2012072625 W 20121114  
• EP 12788501 A 20121114

Abstract (en)  
[origin: EP2594397A1] Waterproof membrane (1) comprises a bulkhead layer (2) comprising a thermoplastic material, preferably thermoplastic polyolefins or polyvinyl chloride, and the bulkhead layer on the upper side (3) has an arithmetic average roughness according to DIN EN ISO 4287: 1998-10 of 0.01-0.8 mm, preferably 0.025-0.5 mm. Independent claims are also included for: (1) sealing substrates comprising applying the waterproof membrane on a substrate, where the upper surface of waterproof membrane is directed towards the substrate; and (2) a building comprising the waterproof membrane.

IPC 8 full level  
**B32B 27/12** (2006.01); **B32B 27/32** (2006.01); **E04D 5/06** (2006.01)

CPC (source: EP US)  
**B32B 3/30** (2013.01 - EP US); **B32B 27/12** (2013.01 - EP US); **B32B 27/20** (2013.01 - EP US); **B32B 27/304** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP US); **E04B 1/665** (2013.01 - US); **E04D 5/06** (2013.01 - US); **E04D 5/08** (2013.01 - US); **E04D 5/10** (2013.01 - US); **E04D 5/12** (2013.01 - EP US); **H01L 31/0547** (2014.12 - EP US); **B32B 2250/02** (2013.01 - EP US); **B32B 2264/102** (2013.01 - EP US); **B32B 2307/4026** (2013.01 - EP US); **B32B 2307/416** (2013.01 - EP US); **B32B 2307/538** (2013.01 - EP US); **B32B 2307/712** (2013.01 - EP US); **B32B 2307/718** (2013.01 - EP US); **B32B 2307/7265** (2013.01 - EP US); **B32B 2307/746** (2013.01 - EP US); **B32B 2307/754** (2013.01 - EP US); **B32B 2419/06** (2013.01 - EP US); **Y02B 10/10** (2013.01 - EP US); **Y02E 10/52** (2013.01 - EP US); **Y10T 156/10** (2015.01 - EP US); **Y10T 428/24355** (2015.01 - EP US)

Citation (search report)  
See references of WO 2013072369A1

Citation (examination)  
• US 2005210802 A1 20050929 - YANG LI-YING [US], et al  
• US 6210704 B1 20010403 - SASAKI YASUYUKI [JP], et al

Cited by  
CN108086602A

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

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**EP 2594397 A1 20130522**; EP 2780163 A1 20140924; US 2014248466 A1 20140904; WO 2013072369 A1 20130523

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**EP 11189212 A 20111115**; EP 12788501 A 20121114; EP 2012072625 W 20121114; US 201414277428 A 20140514