

Title (en)  
A LIGHTWEIGHT AND WATERTIGHT LOW PITCH ROOF STRUCTURE

Title (de)  
LEICHTE UND WASSERDICHT E DACHSTRUKTUR MIT GERINGER NEIGUNG

Title (fr)  
STRUCTURE DE TOIT À FAIBLE PENTE LÉGÈRE ET ÉTANCHE À L'EAU

Publication  
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Application  
**EP 15706054 A 20150108**

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Abstract (en)  
[origin: CN106164391A] The present invention comprises essentially space-apart U-shaped rafters (10) appropriately attached to a truss framework (14), underlays (20) disposed on top extended sections (12) of the rafters (10), and cross battens (40) extending transversely relative to the rafters (10) and serving the purpose of supporting roof tiles (80). Counter battens (30) are employed to press down the underlays (20) to form valleys (21), each being a stretched rigid surface. The roof structure is adapted to be attached at the eave or the verge with fascia boards (60) or wall abutment (70), so that stray rainwater from heavy storms is prevented to enter the roof structure, thus rendering the roof structure watertight.

IPC 8 full level  
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