

Title (en)  
AN ILLUMINATING STRUCTURE

Title (de)  
BELEUCHTUNGSSTRUKTUR

Title (fr)  
STRUCTURE D'ÉCLAIRAGE

Publication  
**EP 3639626 A4 20201230 (EN)**

Application  
**EP 18816677 A 20180613**

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Abstract (en)  
[origin: WO2018229335A1] The invention relates to an illuminating structure comprising: at least one flexible film (100), which comprises a flexible conductive pattern (102) and at least two LED units (104, 106) in electrical connection with the conductive pattern (102) to supply operating electric power to said at least two LED units (104, 106) to produce light as determined by the supplied operating electric power. The illuminating structure (90) is adapted to supply operating electric power to said at least two LED units (104, 106) independently of each other. The illuminating structure comprises a first flexible and translucent covering structure (110), placed on one side of said at least one flexible film (100) and adapted to modify the distribution of the light originating from said at least two LED units (104, 106). The illuminating structure comprises a first porous, flexible and translucent material (108) which is adapted to separate said at least one flexible film (100) and said first covering structure (110) from each other by its desired thickness and which is adapted to scatter the light that said at least two LED units (104, 106) emit.

IPC 8 full level  
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• See also references of WO 2018229335A1

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