

Title (en)  
PEDESTRIAN, VEHICULAR, OR SPORTS PLAYING SURFACES AND UNDERLAYS/SHOCK PADS

Publication  
**EP 0174755 B1 19891018 (EN)**

Application  
**EP 85305906 A 19850820**

Priority  
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Abstract (en)  
[origin: EP0174755A1] An artificial turf or underlay shock pad for an artificial turf or similar surface is prepared using as one layer an open fibrous structure (2-4) made of synthetic material having vertical (4), horizontal (3) and angularly inclined (4) fibres the open fibrous structure being filled with a particulate material (5,6) such as sand or soil to produce a composite structure having a desired compressibility. The open fibrous structure (2-4) enables the particles (5,6) to move with the fibres (4) when pressure is applied in almost any direction and to "spring" back again. The composite open fibrous structure (2-4) is therefore suitable either as an underlay for an artificial turf of conventional design or as an artificial surface on its own. When used as an artificial surface laid on soil natural grass may be seeded into the particulate material and is able to grow through the base of the open fibrous structure (2-4) to root into the soil.

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP)  
**E01C 9/004** (2013.01); **E01C 9/08** (2013.01); **E01C 13/08** (2013.01); **E01C 15/00** (2013.01); **E01C 2013/086** (2013.01)

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