

Title (en)  
IMPROVED SURFACE FOR SPORTS AND OTHER USES

Title (de)  
VERBESSERTE OBERFLÄCHE FÜR SPORTLICHE AKTIVITÄTEN UND ÄHNLICHES

Title (fr)  
SURFACE PERFECTIONNÉE À USAGE SPORTIF ET AUTRE

Publication  
**EP 1079679 A1 20010307 (EN)**

Application  
**EP 99921806 A 19990507**

Priority  
• US 9910137 W 19990507  
• US 7433898 A 19980507

Abstract (en)  
[origin: WO9956523A1] An improved playing surface (100) including a synthetic turf base (104) positioned atop a foundation (102) is provided. The synthetic turf base includes synthetic fibers (110) secured to a knitted backing (800). The synthetic turf base also includes a surface layer of growth medium (118) applied on top of the knitted backing to reach a predetermined depth. Natural grass (120) is planted in the surface layer of growth medium. The knitted backing includes openings (116) sufficient in number and size to allow roots (124) of the natural grass and water to pass through so that the natural grass will grow to form a playing surface.

IPC 1-7  
**A01C 1/04**; **A01B 79/00**; **A01N 3/00**; **A01G 1/00**; **A01H 5/00**

IPC 8 full level  
**A01G 1/00** (2006.01)

CPC (source: EP US)  
**A01G 20/00** (2018.01 - EP US); **D04B 21/16** (2013.01 - EP US); **D10B 2401/12** (2013.01 - EP); **D10B 2505/202** (2013.01 - EP); **E01C 2013/086** (2013.01 - EP)

Designated contracting state (EPC)  
BE CH DE ES FR GB IT LI NL

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