

Title (en)  
TUFTED ARTIFICIAL TURF

Title (de)  
GETUFTETER KUNSTRASEN

Title (fr)  
GAZON ARTIFICIEL TOUFFETÉ

Publication  
**EP 3613897 A1 20200226 (EN)**

Application  
**EP 18190089 A 20180821**

Priority  
EP 18190089 A 20180821

Abstract (en)  
The invention relates to a tufted artificial turf (100) comprising: an artificial turf carpet comprising a carrier (102), indicator yarn fibers (106) and face yarn fibers (104) and an artificial turf infill (108) distributed between the indicator yarn fibers (106) and the face yarn fibers (104), wherein the face yarn fibers and the indicator yarn fibers being tufted into the carrier such, that the face yarn fibers (104) protrude from the carrier (102) with a face yarn fiber height (L3) and the indicator yarn fibers (106) protrude from the carrier with an indicator yarn height (L2), wherein the face yarn fiber height (L3) being larger than the indicator yarn fiber height (L2), wherein the artificial turf infill (108) has an installation height (L4) above the carrier (102), wherein the installation height (L4) is greater than the indicator yarn fiber height (L2); and wherein the indicator yarn fibers (106) have an first optically visible contrast relative to the face yarn fibers (104) and wherein the indicator yarn fibers (106) have an second optically visible contrast relative to the artificial turf infill (108).

IPC 8 full level  
**D06N 7/00** (2006.01); **E01C 13/08** (2006.01); **E01C 19/20** (2006.01)

CPC (source: EP)  
**D06N 7/0065** (2013.01); **E01C 13/08** (2013.01)

Citation (applicant)  
• US 6299959 B1 20011009 - SQUIRES TROY [US], et al  
• EP 3122942 A1 20170201 - POLYTEX SPORTBELÄGE PRODUKTIONS-GMBH [DE]

Citation (search report)  
• [I] US 2004229007 A1 20041118 - MOTZ JOSEPH E [US], et al  
• [A] US 2007237921 A1 20071011 - KNAPP TIMOTHY A [CA], et al  
• [A] GB 2157533 A 19851030 - SUMITOMO RUBBER IND

Cited by  
WO2021216800A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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