

Title (en)

A METHOD FOR PREPARING OPTIMIZED STRUCTURE FOOTBALL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES FUSSBALLS MIT OPTIMISierter STRUKTUR

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UN FOOTBALL À STRUCTURE OPTIMISÉE

Publication

EP 3315178 A1 20180502 (EN)

Application

EP 17183499 A 20170727

Priority

CN 201610959797 A 20161026

Abstract (en)

A method for preparing optimized structure football comprises the following steps: Step 1: sewing a plurality of layers of cloth into a inner shell through a sewing machine; Step 2: loading the football liner into the interior of inner shell; Step 3: brush glue in the football mouth area; Step 4: brush glue in the bare sewing line after inflatable stereotypes; Step 5, dry the liner shell after brushing the glue; Step 6, making the ball skin; Step 7, sewing the ball skin into ball shell; Step 8, bonding EVA foam cotton layer in the ball shell surface through the glue; Step 9, put the liner shell into the ball shell; Step 10, the detection of ball leakage; Step 11, brush glue in the bare sewing line of the ball shell. The invention has the advantages of simple process and low cost. The football prepared by the invention has the advantages of softness, good bouncing performance, not easy to absorb water, durable and beautiful appearance.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

- [I] WO 2013148947 A2 20131003 - NIKE INTERNATIONAL LTD, et al
- [A] US 2004213984 A1 20041028 - AVIS RICHARD [US]
- [A] US 2015190682 A1 20150709 - HUSSAIN ALI HASNAIN [PK]
- [A] WO 2009158103 A1 20091230 - NIKE INTERNATIONAL LTD, et al
- [A] US 2009325747 A1 20091231 - OU TSUNG MING [TW]

Cited by

CN113058239A; CN112516551A

Designated contracting state (EPC)

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