

Title (en)

METHOD FOR PRODUCING A BALL AND BALL

Title (de)

VERFAHREN ZUM HERSTELLEN EINES BALLS UND BALL

Title (fr)

PROCÉDÉ POUR FABRIQUER UN BALLON ET BALLON

Publication

EP 2432570 B1 20130828 (DE)

Application

EP 10720546 A 20100510

Priority

- EP 2010002850 W 20100510
- DE 102009022252 A 20090520

Abstract (en)

[origin: WO2010133305A1] The invention relates to a method for producing a ball (1), particularly a soccer ball, comprising the steps: a) producing a flat, level base material (2) constructed in at least two layers (3, 4, 5, 6, 7) and a cover layer (3) and at least one material layer (4, 5, 6, 7) below said cover layer; b) cutting out panels (8) of the desired shape from the base material (2); c) applying the panels (8) to a carrier body (9), particularly to a ball bladder. In order to provide a more uniform hardness to the ball across the extent of the circumference, the invention proposes that at least the edge area (10) of the panels (8) is heated and the edge area (10) is formed during or after step b), such that the side of the panels (8) covered by the cover layer (3) takes on a convex shape (11) in the edge area (10). The invention further relates to a ball.

IPC 8 full level

A63B 41/08 (2006.01); **A63B 45/00** (2006.01)

CPC (source: EP US)

A63B 41/08 (2013.01 - EP US); **A63B 45/00** (2013.01 - EP US); **A63B 2243/0025** (2013.01 - EP US); **Y10T 156/1041** (2015.01 - EP US);
Y10T 156/1043 (2015.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010133305 A1 20101125; CN 102427856 A 20120425; CN 102427856 B 20140813; DE 102009022252 A1 20101216;
DE 102009022252 B4 20141218; EP 2432570 A1 20120328; EP 2432570 B1 20130828; JP 2012527260 A 20121108;
US 2012088614 A1 20120412; US 8382619 B2 20130226

DOCDB simple family (application)

EP 2010002850 W 20100510; CN 201080021709 A 20100510; DE 102009022252 A 20090520; EP 10720546 A 20100510;
JP 2012511170 A 20100510; US 201013321306 A 20100510