

Title (en)

CELLULOID-FREE TABLE-TENNIS BALL

Title (de)

ZELLULOIDFREIER TISCHTENNISBALL

Title (fr)

BALLE DE TENNIS DE TABLE SANS CELLULOID

Publication

EP 1924331 A1 20080528 (DE)

Application

EP 06805719 A 20060914

Priority

- EP 2006008963 W 20060914
- DE 102005044178 A 20050915

Abstract (en)

[origin: WO2007031315A1] The invention is directed on the one hand to a celluloid-free table-tennis ball, preferably having a diameter of 38.5 to 48 mm, a weight of between 2.0 and 4.5 grams and a shell thickness (approximately) of between 0.20 mm and 1.30 mm, the shell being composed of plastic whose principal constituent is an organic, non-crosslinked polymer which in its main chain has not only carbon atoms but also heteroatoms; and on the other hand also to a method of manufacturing a table-tennis ball of this kind, where mostly in a first step two or more shell parts are manufactured, these shell parts being assembled in a subsequent step.

IPC 8 full level

A63B 39/00 (2006.01)

CPC (source: EP KR US)

A63B 39/00 (2013.01 - EP KR US); **Y10T 428/1352** (2015.01 - EP US)

Citation (search report)

See references of WO 2007031315A1

Cited by

US10478678B2; DE102015003699A1; WO2015139712A1; TWI642460B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007031315 A1 20070322; AT E554832 T1 20120515; CN 101272830 A 20080924; CN 101272830 B 20130327;
DE 102005044178 A1 20070329; EP 1924331 A1 20080528; EP 1924331 B1 20120425; JP 2009507589 A 20090226; JP 5078894 B2 20121121;
KR 101331035 B1 20131120; KR 20080044853 A 20080521; US 2010009791 A1 20100114; US 8105183 B2 20120131

DOCDB simple family (application)

EP 2006008963 W 20060914; AT 06805719 T 20060914; CN 200680034220 A 20060914; DE 102005044178 A 20050915;
EP 06805719 A 20060914; JP 2008530414 A 20060914; KR 20087005533 A 20060914; US 99158406 A 20060914