

Title (en)
ARTIFICIAL SHUTTLECOCK FEATHER AND SHUTTLECOCK

Title (de)
KÜNSTLICHE FEDERBALLFEDER UND FEDERBALL

Title (fr)
PLUME ARTIFICIELLE POUR VOLANT ET VOLANT

Publication
EP 2614863 A1 20130717 (EN)

Application
EP 11823543 A 20110906

Priority
• JP 2010199201 A 20100906
• JP 2011070202 W 20110906

Abstract (en)
A plurality of artificial feathers for a shuttlecock, when a hemispherical base portion of the shuttlecock is set on a lower side, the artificial feathers being embedded in an annular ring form on a peripheral border of a circular top end face of the base portion, the artificial feathers for a shuttlecock each including a vane portion in a thin film form, corresponding to a vane, the vane portion being provided with a reinforcement coating made of applied resin, and a rachis portion in a bar form extending integrally and continuously from an upper tip end to a lower distal end, corresponding to a rachis, to imitate a natural feather, the rachis portion being fixed to the vane portion at a vane support portion, having the vane support portion set as an area that is fixed to the vane portion along the tip end to a bottom end of the vane portion, and having a calamus portion set as an area that protrudes to a lower side of the vane portion and spans from a bottom end of the vane support portion to the distal end, to correspond to a calamus of the natural feather.

IPC 8 full level
A63B 67/18 (2006.01)

CPC (source: EP US)
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