

Title (en)  
BADMINTON SHUTTLECOCK

Title (de)  
FEDERBALL FÜR FEDERBALLSPIEL

Title (fr)  
VOLANT DE BADMINTON

Publication  
**EP 2338576 A4 20120711 (EN)**

Application  
**EP 09813060 A 20090908**

Priority  
• JP 2009065650 W 20090908  
• JP 2008231063 A 20080909

Abstract (en)  
[origin: EP2338576A1] A badminton shuttlecock having flight performance and durability equal to those of a shuttlecock with waterfowl feathers is provided. A synthetic shuttlecock includes a feather body portion (5) and a shaft (7) connected to the feather body portion (5), a plurality of artificial feathers (3) fixed to a base body to be annularly arranged and to overlap one another, and a netting cord body (13) for fixing the shafts (7) of the plurality of artificial feathers (3) to one another. An end portion of a projection portion (12) as a flexible member is arranged on at least a part of a surface of the shaft (7) facing the netting cord body (13), and the netting cord body (13) is connected and fixed to the end portion of the projection portion (12) through an adhesive material with the end portion of the projection portion (12) being deformed by being pressed by the netting cord body (13).

IPC 8 full level  
**A63B 67/18** (2006.01)

CPC (source: EP KR US)  
**A63B 67/18** (2013.01 - EP US); **A63B 67/19** (2016.01 - EP KR); **A63B 2102/04** (2015.10 - KR); **A63B 2209/00** (2013.01 - EP KR US); **A63B 2209/02** (2013.01 - KR)

Citation (search report)  
• [A] GB 2410198 A 20050727 - HONG ARTHUR [TW]  
• [A] GB 2096473 A 19821020 - RASMUSSEN JOHN ERLING  
• [A] US 2556029 A 19510605 - FRANK COHAN  
• See references of WO 2010029914A1

Cited by  
CN105944352A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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JP WO2010029914 A1 20120202; KR 20110056501 A 20110530; WO 2010029914 A1 20100318

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