

Title (en)  
SHUTTLECOCKS

Publication  
**EP 0017487 A3 19810121 (EN)**

Application  
**EP 80301065 A 19800403**

Priority  
• GB 7912134 A 19790406  
• GB 7928818 A 19790817

Abstract (en)  
[origin: EP0017487A2] A shuttlecock comprising a cap portion and a plastics skirt in the form of a truncated conical lattice structure having main stems interconnected by ribs with further intermediate stems located between the main stems, the lattice structure in the vicinity of the wide end of the skirt being convoluted with the flutings extending at an acute angle, preferably 45 DEG to the longitudinal axis of the shuttlecock, and being so orientated as to make the shuttlecock spin and otherwise behave as a feathered shuttlecock. Preferably, slots or slits are provided in the skirt at its wide end and the convolutions extend approximately from one end of one slot to the opposite end of an adjacent slot. The convolutions are formed by deforming the skirt material inwardly and this has the effect of slightly widening the slits in the shuttlecock. Although preferred, the ribs, at least at the wide end of the skirt, need not be provided, and could be replaced by plastics flumes.

IPC 1-7  
**A63B 67/18**

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

CPC (source: EP)  
**A63B 67/18** (2013.01); **A63B 67/193** (2016.01)

Citation (search report)  
• US 2163236 A 19390620 - COLLIER ROBERT T  
• GB 996695 A 19650630 - CARLTON TYRE SAVING CO LTD  
• GB 1103364 A 19680214 - CARLTON TYRE SAVING CO LTD

Cited by  
US4509761A; US2023201683A1

Designated contracting state (EPC)  
GB NL SE

DOCDB simple family (publication)  
**EP 0017487 A2 19801015; EP 0017487 A3 19810121**; DK 147280 A 19801007; GB 2059271 A 19810423; GB 2059271 B 19821215

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