

Title (en)  
BADMINTON RACKET

Title (de)  
FEDERBALLSCHLÄGER

Title (fr)  
RAQUETTE DE BADMINTON

Publication  
**EP 3785771 A1 20210303 (EN)**

Application  
**EP 19793536 A 20190417**

Priority  
• JP 2019016398 W 20190417  
• JP 2018086015 A 20180427

Abstract (en)  
To enhance a degree of freedom in adjusting a weight and a balance point. A racket (10) according to the present invention includes: a frame (13) extending in an annular shape; a grip (11); and a shaft (12) which extends and connects the grip and the frame each other. The shaft is formed to have hollow regions (23, 24) in a shaft body (22) except for a coupling portion, at which the shaft is coupled to the frame, and to have a solid region (25) which is arranged with the at least one hollow region in an extending direction. It is possible to adjust the weight and the balance point of the entire racket by changing the lengths and the positions of the solid region and the hollow regions in the extending direction of the shaft body.

IPC 8 full level  
**A63B 49/08** (2015.01); **A63B 49/00** (2015.01); **A63B 102/04** (2015.01)

CPC (source: EP)  
**A63B 49/00** (2013.01); **A63B 49/08** (2013.01); **A63B 60/02** (2015.10); **A63B 69/0017** (2013.01); **A63B 60/42** (2015.10); **A63B 2102/04** (2015.10)

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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3785771 A1 20210303**; **EP 3785771 A4 20220112**; **EP 3785771 B1 20240612**; CN 112041037 A 20201204; CN 112041037 B 20220607; JP 2019187956 A 20191031; JP 7085399 B2 20220616; WO 2019208344 A1 20191031

DOCDB simple family (application)  
**EP 19793536 A 20190417**; CN 201980027975 A 20190417; JP 2018086015 A 20180427; JP 2019016398 W 20190417