

Title (en)  
BADMINTON RACKET

Title (de)  
FEDERBALLSCHLÄGER

Title (fr)  
RAQUETTE DE BADMINTON

Publication  
**EP 4098332 A1 20221207 (EN)**

Application  
**EP 21756867 A 20210119**

Priority  
• JP 2020025156 A 20200218  
• JP 2021001553 W 20210119

Abstract (en)  
A badminton racket 2 includes a shaft 4, a frame 6, a grip 8, and a string 10. A flexural rigidity value EI(2) of the shaft 4 at a second measurement point located at a distance of 75 mm from the grip 8 is smaller than a flexural rigidity value EI(1) of the shaft 4 at a first measurement point located at a distance of 35 mm from the grip 8 and a flexural rigidity value EI(4) of the shaft 4 at a fourth measurement point located at a distance of 155 mm from the grip 8. A flexural rigidity value EI(3) of the shaft 4 at a third measurement point located at a distance of 115 mm from the grip 8 is smaller than the flexural rigidity value EI(1) and the flexural rigidity value EI(4).

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

CPC (source: EP)  
**A63B 49/00** (2013.01); **A63B 60/0081** (2020.08); **A63B 60/42** (2015.10); **A63B 2102/04** (2015.10); **A63B 2209/02** (2013.01); **A63B 2209/023** (2013.01)

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4098332 A1 20221207**; **EP 4098332 A4 20240221**; JP 2021129634 A 20210909; JP 7424096 B2 20240130; WO 2021166519 A1 20210826

DOCDB simple family (application)  
**EP 21756867 A 20210119**; JP 2020025156 A 20200218; JP 2021001553 W 20210119