

Title (en)  
BADMINTON RACKET

Title (de)  
FEDERBALLSCHLÄGER

Title (fr)  
RAQUETTE DE BADMINTON

Publication  
**EP 4098332 A4 20240221 (EN)**

Application  
**EP 21756867 A 20210119**

Priority  
• JP 2020025156 A 20200218  
• JP 2021001553 W 20210119

Abstract (en)  
[origin: EP4098332A1] 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 60/00** (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)

Citation (search report)  
• [IY] CN 205252447 U 20160525 - XU JIANSHENG  
• [Y] JP 2014045947 A 20140317 - GLOBERIDE INC  
• [A] CN 205340022 U 20160629 - XU JIANSHENG  
• [A] JP 2012147846 A 20120809 - YONEX CO LTD  
• [E] WO 2021024617 A1 20210211 - SUMITOMO RUBBER IND [JP]  
• See also references of WO 2021166519A1

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

DOCDB simple family (publication)  
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