

Title (en)
BADMINTON RACKET

Title (de)
FEDERBALLSCHLÄGER

Title (fr)
RAQUETTE DE BADMINTON

Publication
EP 4098331 A4 20240221 (EN)

Application
EP 21756746 A 20210119

Priority
• JP 2020025155 A 20200218
• JP 2021001551 W 20210119

Abstract (en)
[origin: EP4098331A1] 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 greater 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 greater than the flexural rigidity value EI(1) and the flexural rigidity value EI(4).

IPC 8 full level
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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)
• [IDY] CN 107115641 A 20170901 - WU HUILIN
• [I] WO 2019208344 A1 20191031 - YONEX CO LTD [JP]
• [I] CN 204815568 U 20151202 - WU SHUMING
• [Y] JP 2014045947 A 20140317 - GLOBERIDE INC
• [E] WO 2021024617 A1 20210211 - SUMITOMO RUBBER IND [JP]
• See references of WO 2021166518A1

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)
EP 4098331 A1 20221207; **EP 4098331 A4 20240221**; JP 2021129633 A 20210909; JP 7424095 B2 20240130; WO 2021166518 A1 20210826

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