

Title (en)
BADMINTON RACKET

Title (de)
FEDERBALLSCHLÄGER

Title (fr)
RAQUETTE DE BADMINTON

Publication
EP 4098334 A4 20240221 (EN)

Application
EP 21757626 A 20210119

Priority
• JP 2020025154 A 20200218
• JP 2021001550 W 20210119

Abstract (en)
[origin: EP4098334A1] 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 95 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. A flexural rigidity value EI(3) of the shaft 4 at a third measurement point located at a distance of 155 mm from the grip 8 is smaller than the flexural rigidity value EI(2).

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)
• [X] JP 2014045947 A 20140317 - GLOBERIDE INC
• [I] JP 2010110458 A 20100520 - KUMPOO CO LTD
• [I] CN 1099302 C 20030122 - GOSEN KK [JP]
• [E] WO 2021024617 A1 20210211 - SUMITOMO RUBBER IND [JP]
• See also references of WO 2021166517A1

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 4098334 A1 20221207; EP 4098334 A4 20240221; JP 2021129632 A 20210909; JP 7404920 B2 20231226; WO 2021166517 A1 20210826

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