

Title (en)

Racket frame

Title (de)

Schlägerrahmen

Title (fr)

Cadre de raquette

Publication

EP 2762205 A1 20140806 (EN)

Application

EP 14152466 A 20140124

Priority

JP 2013016360 A 20130131

Abstract (en)

A head 4 of a racket frame has a gut groove 20. The head 4 includes side reinforcing layers 18. Each side reinforcing layer 18 is formed from a prepreg including carbon fibers and a matrix resin. The compressive elastic modulus of the prepreg is equal to or less than 100 GPa. The tensile elastic modulus of the prepreg is equal to or less than 100 GPa. The tensile elastic modulus of the carbon fibers is equal to or less than 160 GPa. Preferably, the prepreg includes amorphous carbon fibers.

IPC 8 full level

A63B 49/00 (2006.01); **A63B 49/10** (2006.01); **A63B 49/14** (2006.01)

CPC (source: EP)

A63B 49/022 (2015.10); **A63B 49/10** (2013.01); **A63B 49/14** (2013.01); **A63B 60/00** (2015.10); **A63B 2209/02** (2013.01); **A63B 2209/023** (2013.01)

Citation (applicant)

JP 2011015885 A 20110127 - SRI SPORTS LTD

Citation (search report)

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Cited by

US10561907B2

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 2762205 A1 20140806; **EP 2762205 B1 20160907**; CN 103961849 A 20140806; CN 103961849 B 20160817; JP 2014147430 A 20140821; JP 6053539 B2 20161227

DOCDB simple family (application)

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