

Title (en)

RACQUET FOR BALL GAMES AND METHOD FOR MANUFACTURING A RACQUET FOR BALL GAMES

Title (de)

SCHLÄGER FÜR BALLSPIELE UND VERFAHREN ZUM HERSTELLEN EINES SCHLÄGERS FÜR BALLSPIELE

Title (fr)

RAQUETTE POUR JEUX DE BALLE ET PROCÉDÉ DE FABRICATION DE RAQUETTE POUR JEUX DE BALLE

Publication

EP 4279153 A1 20231122 (EN)

Application

EP 22174668 A 20220520

Priority

EP 22174668 A 20220520

Abstract (en)

The invention relates to a racquet (10) for ball games, including a handle portion (12) configured to be gripped by a user and a head portion (14) connected to the handle portion (12). The head portion (14) includes at least one core element (24) and at least two striking layers (26, 28) arranged on substantially opposite sides of the core element (24). Each striking layer (26, 28) defines a striking surface (23, 25), respectively, for striking a ball of the ball game. At least one of the striking layers (26, 28) has a density of at least 2.5 g/cm³ in at least a section thereof. The present invention also relates to a racquet (10) for ball games, wherein at least one striking layer (26, 28) has an area weight, with respect to an area of the striking surface (23, 25), of at least 2.5 g/cm² in at least a section thereof. The present invention further relates to one or more methods for manufacturing a racquet (10) for ball games.

IPC 8 full level

A63B 59/40 (2015.01); **A63B 60/02** (2015.01); **A63B 102/08** (2015.01); **A63B 102/16** (2015.01)

CPC (source: EP)

A63B 59/40 (2015.10); **A63B 60/02** (2015.10); **A63B 59/48** (2015.10); **A63B 2102/08** (2015.10); **A63B 2102/16** (2015.10);
A63B 2209/00 (2013.01); **A63B 2209/02** (2013.01)

Citation (search report)

- [XI] WO 2013008357 A1 20130117 - TAMASU CO LTD [JP], et al
- [X] US 3879035 A 19750422 - DANCHULIS JAMES E, et al
- [X] US 4062541 A 19771213 - MARKS NATHAN
- [A] WO 2022090222 A1 20220505 - BASF SE [DE]
- [A] US 2017021248 A1 20170126 - MARVIN ERIC [US]

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 4279153 A1 20231122

DOCDB simple family (application)

EP 22174668 A 20220520