

Title (en)  
String load apportioned racket.

Title (de)  
Schläger mit verschiedenen Saitenspannungen.

Title (fr)  
Raquette à cordage à différentes tensions.

Publication  
**EP 0093210 A1 19831109 (EN)**

Application  
**EP 82302234 A 19820429**

Priority  
EP 82302234 A 19820429

Abstract (en)  
A racket has a hand grip (13) joined to a frame having a shank region (11) and flaring outwards in a throat region (12) and extending around a generally oval ball-hitting region stand by transverse strings (17) and longitudinal strings (15). A central plurality of the strings (15) have a strung length at least 30% longer than all other strings in the network and that this central plurality includes at least one third (1/3) of all the longitudinal strings in the network. The longer longitudinal strings are strung with at least 30% more tension than all other strings in the network so that the longer strung length and the greater tension causes the longer longitudinal strings to provide a greater share in the transverse strangs of the string force that decelerates a ball penetrating the string network in the central region occupied by the longer longitudinal strings.

IPC 1-7  
**A63B 51/00**; **A63B 49/02**

IPC 8 full level  
**A63B 49/02** (2006.01); **A63B 51/00** (2006.01)

CPC (source: EP US)  
**A63B 49/02** (2013.01 - EP); **A63B 49/028** (2015.10 - EP US); **A63B 49/03** (2015.10 - EP US); **A63B 51/00** (2013.01 - EP); **A63B 51/004** (2020.08 - EP); **A63B 51/02** (2013.01 - US); **A63B 60/54** (2015.10 - US); **A63B 51/004** (2020.08 - US)

Citation (search report)

- [X] GB 2056288 A 19810318 - SOONG TSAI C
- [X] DE 3015960 A1 19811105 - KUEBLER & CO [DE]
- [X] FR 2464081 A1 19810306 - DURBIN ENOCH [US]
- [Y] DE 2752624 A1 19790531 - KUEBLER & CO
- [Y] GB 291141 A 19280523 - ARCHIBALD MILNE HAMILTON

Cited by  
FR2689405A1; CN107349578A; EP0762914A4; EP0614685A1; US5462274A; EP1108447A1; WO9313832A3; WO9206748A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0093210 A1 19831109**; **EP 0093210 B1 19890222**; DE 3279456 D1 19890330

DOCDB simple family (application)  
**EP 82302234 A 19820429**; DE 3279456 T 19820429