

Title (en)  
Racket for ball games

Title (de)  
Schläger für Ballspiele

Title (fr)  
Raquette pour jeux de balles

Publication  
**EP 1097730 B1 20041020 (DE)**

Application  
**EP 00123052 A 20001024**

Priority  
DE 19953626 A 19991108

Abstract (en)  
[origin: EP1097730A1] The racquet or bat (30) has a hitting-head , a handle part between which is a frame possessing a heart-shaped piece (34).. The profiled part forming the frame has varying cross-sectional shapes corresponding to the main types of stress occurring. The frame has at least two bump-shaped reinforcement elements (51,53).

IPC 1-7  
**A63B 49/02**

IPC 8 full level  
**A63B 49/02** (2015.01)

CPC (source: EP US)  
**A63B 49/02** (2013.01 - EP US); **A63B 49/03** (2015.10 - EP); **A63B 49/10** (2013.01 - US); **A63B 49/12** (2013.01 - US); **A63B 60/06** (2015.10 - EP); **A63B 2049/0201** (2015.10 - EP); **A63B 2049/0211** (2013.01 - EP US); **A63B 2049/0217** (2013.01 - EP US)

Cited by  
DE102006004863B4; EP1790393A1; DE102007056831B4; US7503860B2; US8282513B2; DE102007056831A1

Designated contracting state (EPC)  
AT CH DE FR LI

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**EP 00123052 A 20001024**; AT 00123052 T 20001024; CN 00132926 A 20001108; DE 19953626 A 19991108; DE 20023541 U 20001024; DE 50008315 T 20001024; TW 89123504 A 20001107