

Title (en)
Trampoline

Title (de)
Trampolin

Title (fr)
Trampoline

Publication
EP 2210646 A1 20100728 (DE)

Application
EP 09016015 A 20091224

Priority
DE 102009005030 A 20090117

Abstract (en)
The trampoline (1) has a jumping bed (3) that is fixed at a frame structure (2) by an elastic element. The jumping bed has a textile fabric with low-stretch yarn. The low-stretch yarn is made of an aramid fibers, para-aramid fibers, particularly Kevlar(RTM: Para-aramid synthetic fiber) or Twaron(RTM: Poly-paraphenylene terephthalamide), polyethylene, carbon and Vectran(RTM: Polyester). The low-stretch yarn has a Teflon(RTM: Fluoropolymers). The textile fabric is made of a mixture of synthetic fibers, yarns and low-stretch yarn synthetic fiber.

Abstract (de)
Die Erfindung betrifft ein Trampolin (1) welches ein durch elastische Elemente an eine Rahmenkonstruktion (2) befestigtes Sprungtuch (3) umfasst. Das Sprungtuch (3) besteht aus einem dehnungsarme Garne enthaltenden textilen Flächengebilde.

IPC 8 full level
A63B 5/11 (2006.01)

CPC (source: EP)
A63B 5/11 (2013.01); **A63B 2209/02** (2013.01)

Citation (applicant)
• GB 724244 A 19550216 - OLYMPIC GYMNASIUM COMPANY LTD
• WO 2006079340 A1 20060803 - VIKING LIFE SAVING EQUIP AS [DK], et al
• US 6045486 A 20000404 - JENSEN MICHAEL L [US]
• US 2006105852 A1 20060518 - CURRY MARCUS [US]
• US 2003004003 A1 20030102 - LOCHTEFELD THOMAS J [US]
• US 3831936 A 19740827 - WATSON J, et al

Citation (search report)
• [X] GB 724244 A 19550216 - OLYMPIC GYMNASIUM COMPANY LTD
• [X] WO 2006079340 A1 20060803 - VIKING LIFE SAVING EQUIP AS [DK], et al
• [X] US 6045486 A 20000404 - JENSEN MICHAEL L [US]
• [X] US 2006105852 A1 20060518 - CURRY MARCUS [US]
• [A] US 2003004003 A1 20030102 - LOCHTEFELD THOMAS J [US]
• [X] US 3831936 A 19740827 - WATSON J, et al

Cited by
EP2554222A1; DE102022125291B3; WO2020094777A1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2210646 A1 20100728; CN 101780319 A 20100721; DE 102009005030 B3 20101202

DOCDB simple family (application)
EP 09016015 A 20091224; CN 201010002987 A 20100115; DE 102009005030 A 20090117