

Title (en)

TRAINING APPARATUS TRAINING APPARATUS

Publication

**EP 0253248 A3 19881109 (DE)**

Application

**EP 87109657 A 19870706**

Priority

- DE 3623144 A 19860709
- DE 3644764 A 19861230

Abstract (en)

[origin: US4834396A] A multi-exercising apparatus includes a housing frame with a crank arm at one side and a weight arm at the other side thereof. The housing frame includes a plurality of openings at the one side to allow a training bench to be selectively attached. At its other side, the housing frame includes further openings in which a stop member is selectively inserted to position the weight arm in a desired manner. By attaching the training bench in a desired opening and adjusting the weight arm by the stop member, a user is able to perform a wide variety of exercises and to adjust the resistance as exerted by the weight arm during actuation of the crank arm.

IPC 1-7

**A63B 21/08**; **A63B 21/22**

IPC 8 full level

**A63B 21/06** (2006.01); **A63B 21/08** (2006.01); **A63B 21/22** (2006.01)

CPC (source: EP US)

**A63B 21/0615** (2013.01 - EP US); **A63B 21/08** (2013.01 - EP US); **A63B 21/4029** (2015.10 - EP US); **A63B 21/4035** (2015.10 - EP US); **A63B 21/4047** (2015.10 - EP US)

Citation (search report)

- [AP] DE 3532445 A1 19870319 - SCHNELL JOSEF
- [A] WO 8100967 A1 19810416 - WIBA AG [CH], et al
- [A] US 4509746 A 19850409 - MASK ERNEST D [US]
- [A] DE 3314328 A1 19831020 - PARVIAINEN ARNO
- [A] US 4546967 A 19851015 - KECALA IHOR G [CA]

Cited by

DE102009012031B4; DE102009012031A1; EP1423170A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0253248 A2 19880120**; **EP 0253248 A3 19881109**; **EP 0253248 B1 19900523**; DE 3762801 D1 19900628; ES 2015556 B3 19900901; US 4834396 A 19890530

DOCDB simple family (application)

**EP 87109657 A 19870706**; DE 3762801 T 19870706; ES 87109657 T 19870706; US 6762087 A 19870625