

Title (en)

CYCLING FOOTGEAR EQUIPPED WITH TOECLIP LOCKING AUTOMATICALLY ON A PEDAL

Title (de)

FAHRRADSCHUH MIT EINEM KEIL ZUM AUTOMATISCHEN VERSCHLIESSEN MIT EINER PEDALE

Title (fr)

CHAUSSURE DE CYCLISME EQUIPEE D'UNE CALE DE VERROUILLAGE AUTOMATIQUE SUR UNE PEDALE

Publication

EP 0991332 A1 20000412 (FR)

Application

EP 99900917 A 19990114

Priority

- FR 9900053 W 19990114
- FR 9802869 A 19980302

Abstract (en)

[origin: FR2775424A1] The invention concerns a cycling footgear comprising a locking toeclip (4) designed to co-operate with an adapted bicycle pedal (not shown) and directly mounted removable on the sole (2) by means of a rigid insert (5) with adjustable positioning, integrated to said sole (2) and on which insert (5) said toeclip (4) is mounted with fixing means (6). The invention is characterised in that the insert (5) for fixing the toeclip (4) is made integral with the sole (2) via a plate reinforcing (7) the sole (2) through which it passes and is directly mounted by being bonded on the inner surface thereof, to constitute a subassembly whereon is directly mounted fixed a mounting innersole (8) after an upper (3) peripheral rim (3a) of the footgear (1) has been inserted, whereof the thickness (e) defines a fixing engagement zone (9), wherein is housed, in the metatarsal zone, the insert (5) with substantially matching thickness, so as to be located as close as possible to a cyclist's foot to optimise the efficiency of his effort on a pedal.

IPC 1-7

A43B 5/14

IPC 8 full level

A43B 5/14 (2006.01); **A43B 13/14** (2006.01)

CPC (source: EP US)

A43B 5/14 (2013.01 - EP US)

Designated contracting state (EPC)

AT CH DE DK ES GB IT LI NL SE

DOCDB simple family (publication)

FR 2775424 A1 19990903; FR 2775424 B1 20000331; EP 0991332 A1 20000412; JP 2001523148 A 20011120; US 6260291 B1 20010717; WO 9944455 A1 19990910

DOCDB simple family (application)

FR 9802869 A 19980302; EP 99900917 A 19990114; FR 9900053 W 19990114; JP 54430199 A 19990114; US 40304999 A 19991026