

Title (en)

GOAL DETECTION EQUIPMENT FOR FOOTBALL

Title (de)

FUSSBALLTORERFASSUNGSAUSR STUNG

Title (fr)

EQUIPEMENT DE DETECTION DE BUT DESTINE AU FOOTBALL

Publication

EP 1545721 A1 20050629 (EN)

Application

EP 03797507 A 20030122

Priority

- IT 0300019 W 20030122
- IT AP20020010 A 20020917

Abstract (en)

[origin: WO2004026411A1] For the realization of the industrial project above mentioned, look at all the phases for creating the electronic bladder. Ten different versions have been invented to lodge the microsensors, up to the enough quantity, or the pressure system itself. Pictures (1), (2), (3), (4), (5), (6), (7), (8), show how the electronic sensors of survey and transmission can be lodged. Pictures (9), (10), show the cobweb that can be created in the center of the bladder to lodge the pressure microsensors, the metallic surveying microsensors, or the infrared rays ones. Picture (11) shows the lodging of the electronic surveying system under the grass cover, that immediately transmits any signal noticed to the chronometer or bracelet in endowment to the central referee or to his collaborators. Always in the figure (11) the signs show as: (A) the electronic football is going to enter the goal line, (B) half of the electronic football over the goal line, (C) the electronic football has (B) gone beyond the goal line. The referee immediately receives communication of the happened goal.

IPC 1-7

A63B 63/00

IPC 8 full level

A63B 43/00 (2006.01); **A63B 63/00** (2006.01); **A63B 71/06** (2006.01); **A63B 24/00** (2006.01)

CPC (source: EP US)

A63B 24/0021 (2013.01 - EP US); **A63B 43/00** (2013.01 - EP US); **A63B 63/004** (2013.01 - EP US); **A63B 71/0605** (2013.01 - EP US); **A63B 71/0669** (2013.01 - EP US); **A63B 63/00** (2013.01 - EP US); **A63B 2024/0037** (2013.01 - EP US); **A63B 2024/0046** (2013.01 - EP US); **A63B 2220/13** (2013.01 - EP US); **A63B 2220/51** (2013.01 - EP US); **A63B 2220/80** (2013.01 - EP US); **A63B 2220/805** (2013.01 - EP US); **A63B 2220/806** (2013.01 - EP US); **A63B 2220/83** (2013.01 - EP US); **A63B 2220/833** (2013.01 - EP US); **A63B 2220/89** (2013.01 - EP US); **A63B 2225/305** (2013.01 - EP US); **A63B 2225/50** (2013.01 - EP US); **A63B 2243/0025** (2013.01 - EP US)

Citation (search report)

See references of WO 2004026411A1

Cited by

GB2462624A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 2004026411 A1 20040401; AU 2003209683 A1 20040408; BR 0314449 A 20050809; EP 1545721 A1 20050629; IT 1331953 B1 20060130; IT AP20020010 A0 20020917; IT AP20020010 A1 20040318; MX PA05002938 A 20060525; US 2006135297 A1 20060622

DOCDB simple family (application)

IT 0300019 W 20030122; AU 2003209683 A 20030122; BR 0314449 A 20030122; EP 03797507 A 20030122; IT AP20020010 A 20020917; MX PA05002938 A 20030122; US 52787305 A 20050719