

Title (en)

DETECTION AND PROVISION OF PLAYER INFORMATION USING A SENSOR LOCATED IN THE VICINITY OF THE PLAYER

Title (de)

ERFASSEN UND BEREITSTELLEN VON SPIELERINFORMATIONEN MIT SPIELERSEITIGEM SENSOR

Title (fr)

DÉTECTION ET MISE À DISPOSITION D'INFORMATIONS SUR LES JOUEURS, AU MOYEN D'UN CAPTEUR PORTÉ PAR LE JOUEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: US8678897B2] A system for detecting and providing information assigned to soccer players, wherein the system contains a soccer ball (130) comprising a centrally arranged magnetic field generator (142) for generating an alternating magnetic field (150); a transceiver (148) for receiving radio signals (160) and for transmitting collected player information; a control unit (144) for evaluating received radio signals and assigning timestamps to IDs of received radio signals; a source of energy; and a memory for storing and reading out player information based on the IDs with assigned timestamps; and a device (120) for sensing the generated magnetic field in a soccer shoe and for transmitting an ID assigned to the device, comprising a magnetic field sensor (122) for sensing and measuring the magnetic field (105); a control unit (124); and a transmitting unit (128) for transmitting a radio signal (160) which contains the ID assigned to the device (120), wherein the transmitting unit is actively supplied with energy, and wherein the radio signal is transmitted under control by the control unit.

IPC 8 full level

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