

Title (en)
Ball game appliance with rebound panels.

Title (de)
Ballspielfläche mit Abprallpaneelen.

Title (fr)
Installation de jeu de ballon avec panneaux de renvoi.

Publication
EP 0303544 A1 19890215 (FR)

Application
EP 88402092 A 19880811

Priority
• FR 8711621 A 19870812
• FR 8805833 A 19880425

Abstract (en)
[origin: JPS6458280A] PURPOSE: To predictably drive back a ball without causing attenuation and to return it toward a ground surface by turning a return element to a panel composed of a strong material and tilting the surface facing a sports field of the panel toward the sports field as the whole. CONSTITUTION: Respective return panels 3 are assembled with four rectangular unit panels 4, 5, 6 and 7 and attached to a column 8 by two vertical upright materials 9 and 10 positioned at both side ends of the panels. A net 11 for weakening the ball is spread between the upright materials 9 and 10. For the unit panels 4, 5, 6 and 7, the upper part of the panel is tilted toward the sports field more than a lower part slightly for about 20 deg. from vertical. Two center panels 5 and 6 facing the sports field are flat, two side part unit panels 4 and 7 are slightly curved on a horizontal surface and a recessed curve is drawn. The curve is reversed for both of the two side part unit panels 4 and 7 so as to curve both ends of the return panel 3 toward the sports field. The unit panel is formed by a strong composite material based on glass fibers reinforced by polyester resin and the appropriate rebounding of the ball is secured.

Abstract (fr)
L'installation de jeu de ballon, du type football, comprend un terrain de jeu (1) rectangulaire et au moins un panneau (3) de renvoi, réalisé en un matériau dur, dont la surface extérieure est inclinée vers le terrain. L'installation préférée comprend un obstacle central, par exemple un filet enveloppant des arceaux, délimitant le terrain en deux zones d'égale surface, et deux panneaux placés le long des côtés du terrain parallèles à l'obstacle central. Chacun des deux panneaux (3) est constitué de quatre éléments (4,5,6,7) montés sur des supports (8) en forme de bac et assemblés deux à deux. Les deux éléments centraux (5,6) sont plans; les deux éléments latéraux (4,7) sont incurvés et ont, dans le plan horizontal, une forme concave. Ainsi tout ballon frappé de la zone adverse sur le panneau (3) est renvoyé par celui-ci sur la zone le long de laquelle il est placé.

IPC 1-7
A63C 19/00; **A63B 69/38**; **A63B 67/00**; **A63B 63/00**

IPC 8 full level
A63C 19/00 (2006.01); **A63B 67/00** (2006.01); **A63B 69/00** (2006.01)

CPC (source: EP US)
A63B 67/002 (2013.01 - EP US); **A63B 69/0097** (2013.01 - EP US); **A63B 61/003** (2013.01 - EP); **A63B 69/002** (2013.01 - EP); **A63B 71/02** (2013.01 - EP); **A63B 2208/12** (2013.01 - US); **A63B 2209/00** (2013.01 - EP); **A63C 2019/085** (2013.01 - EP)

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