Title (en)

INFLATABLE BALL FOR BALL GAMES, IN PARTICULAR FOOTBALL

Title (de)

AUFBLASBARER BALL FÜR BALLSPIELE,INSBESONDERE FUSSBALL

Title (fr)

BALLON GONFLABLE POUR SPORTS DE BALLE, TELS QUE NOTAMMENT LE FOOTBALL

Publication

EP 0652794 B1 19960221 (EN)

Application

EP 93916298 A 19930709

Priority

• NL 9300147 W 19930709
• NL 9201381 A 19920730

Abstract (en)

[origin: WO9403239A1] An inflatable ball for ball games comprises an outer ball having interconnected parts consisting of twelve equilateral pentagons (1) and twenty equiangular hexagons (2). Each pentagon (1) is enclosed by five hexagons (2) and at the location of the connection between a pentagon (1) and a hexagon (2) the sides connected to one another are of equal length. In order to minimise, and preferably reduce to zero, the difference in stress in the material of the hexagons (2) and pentagons (1) when the ball is in the inflated state, each of the hexagons (2) has three sides (a) of relatively great length connected to a pentagon (1), and three sides (b) of relatively small length connected to a hexagon (2), the length of the short sides (b) being at least 0.69 times the length of the long sides (a), preferably, b = 0.839 a.

IPC 1-7

A63B 41/08

IPC 8 full level

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CPC (source: EP)

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