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(71) Applicant: **Menotti, Franco**
33010 Osoppo (UD) (IT)

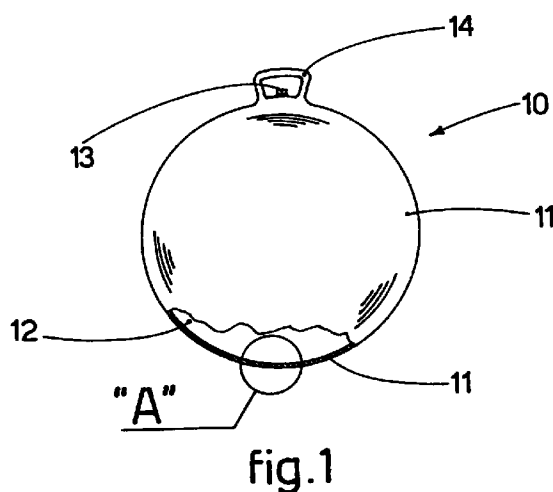
(72) Inventor: **Menotti, Franco**
33010 Osoppo (UD) (IT)

(74) Representative:
Petraz, Gilberto Luigi
GLP S.r.l.
Piazzale Cavedalis 6/2
33100 Udine (IT)

(54) **Non-burstable ball for psychomotor exercises and relative method of production**

(57) Non-burstable ball for psychomotor exercises relating to sporting, recreational and/or therapeutic activities, the ball being of the pre-inflated or inflatable type and comprising at least a casing made of plastic film of a substantially spherical shape defining an inner chamber (12) filled with air under pressure, at least part of the casing (11) being made of PVC (polyvinyl chloride) with a cellular structure made by means of incorporating microcells (15) of air over at least part of its thickness.

Method to produce non-burstable balls for psychomotor exercises relating to sporting, recreational and/or therapeutic activities, the balls being of the pre-inflated or inflatable type and comprising at least a casing made of plastic film of a substantially spherical shape defining an inner chamber (12) filled with air under pressure, the casing (11) being obtained by mixing basic vinyl resins of the emulsion type, in suspension or in microsuspension, with plasticising and stabilising additives and with expansion agents which have the effect of cellularising the PVC, the mixture being then heated and subjected to shaping and forming.



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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	EP 0 277 001 A (INDUSTRIAS SALVER S.A.) 3 August 1988 * column 2, line 38 - column 3, line 52 * ---	1, 3, 4, 10-13	A63B41/00
X	GB 1 038 762 A (THE METTOY CO. LTD.) * claims 1,3,5 * ---	1,4	
X	US 4 463 951 A (KUMASAKA ET AL.) 7 August 1984 * figure 4; example 3 * ---	1	
A	EP 0 557 676 A (LEDRAOMMA S.R.L.) 1 September 1993 * abstract; figures * ---	1	
A	GB 1 475 759 A (THE METTOY CO. LTD.) 10 June 1977 * page 1, line 43 - line 19; figure * -----	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A63B
Place of search		Date of completion of the search	Examiner
THE HAGUE		28 October 1998	Jones, T
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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