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(54) **Remote controlled structure for realising moving figures by magnetic and/or ferromagnetic and/or plastic material elements**

(57) The invention concerns a remote controlled structure for realising moving figures by magnetic and/or ferromagnetic and/or plastic material elements, characterised in that it comprises a base frame (10, 20, 30, 40, 50, 60, 70, 80), on which means for the remote control are provided, and means (17, 27, 37, 47, 57, 67, 77, 823, 824) for fixing magnetic and/or ferromagnetic (18,

28, 38, 68, 88) and/or plastic material elements, and in combination, a plurality of magnetic and/or ferromagnetic (18, 28, 38, 68, 88) and/or plastic material elements, necessary for realising the desired figure, and that can be assembled with said magnetic and/or ferromagnetic (18, 28, 38, 68, 88) and/or plastic material elements, or each other.

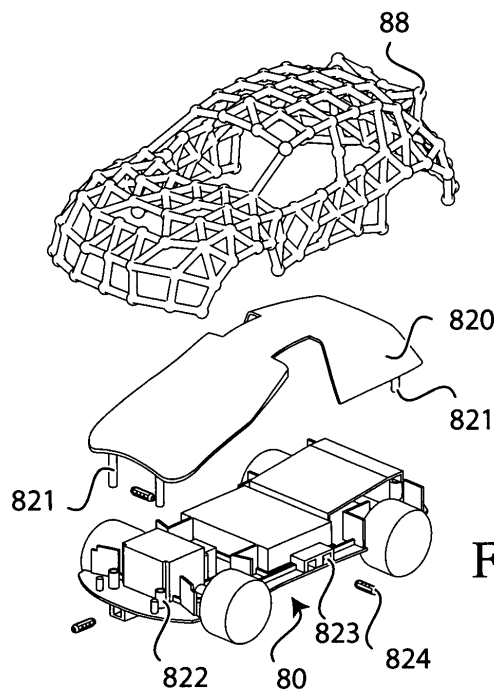


Fig. 27



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EUROPEAN SEARCH REPORT

Application Number
EP 05 42 5013

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.7)
X	US 6 443 796 B1 (SHACKELFORD JUDITH ANN) 3 September 2002 (2002-09-03) * column 5, line 24 - line 50 * * column 6, line 34 - line 46 * * column 14, line 41 - line 49 * * column 16, line 66 - column 17, line 54; figures 1,11,12 * -----	1-3,18, 20,21	A63H33/04 A63H30/04 A63H11/10
X	US 2002/123297 A1 (HORNSBY JAMES R ET AL) 5 September 2002 (2002-09-05) * paragraphs [0092] - [0104]; figures 1-8 *	1-3,18, 20,21	
X	US 2003/176142 A1 (MIMLITCH ROBERT H ET AL) 18 September 2003 (2003-09-18) * paragraphs [0056], [0112]; figure 1 *	1-3,18, 20,21	
A	EP 1 348 473 A (PLAST WOOD S.R.L.) 1 October 2003 (2003-10-01) * the whole document * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A63H
1 The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		13 May 2005	Lucas, P
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			

EPO FORM 1503 03/82 (P04-C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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LACK OF UNITY OF INVENTION
SHEET B

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1,2,3,26

Remote controlled structure with wheels, solving the problem of moving.

1.1. claims: 1,18

Remote controlled structure with DC motor, solving the problem of providing power motion.

1.2. claims: 1,20

Remote controlled structure with radio control, solving the problem of providing wireless control.

1.3. claims: 1,21

Remote controlled structure with a battery pack, solving the problem of providing power.

2. claims: 1,4,5,8,12-17

Remote controlled structure with a defined base frame, solving the problem of realising different figures.

3. claims: 1,6,7,9-11

Remote controlled structure with wheels with fixing means in the base frame, solving the problem of providing easy fixing.

4. claims: 1,19

Remote controlled structure with a steering system, solving the problem of steering the structure.

5. claims: 1,22-25

Remote controlled structure comprising a shaped element, solving the problem of making different figures.

Please note that all inventions mentioned under item 1, although not necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 42 5013

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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13-05-2005

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