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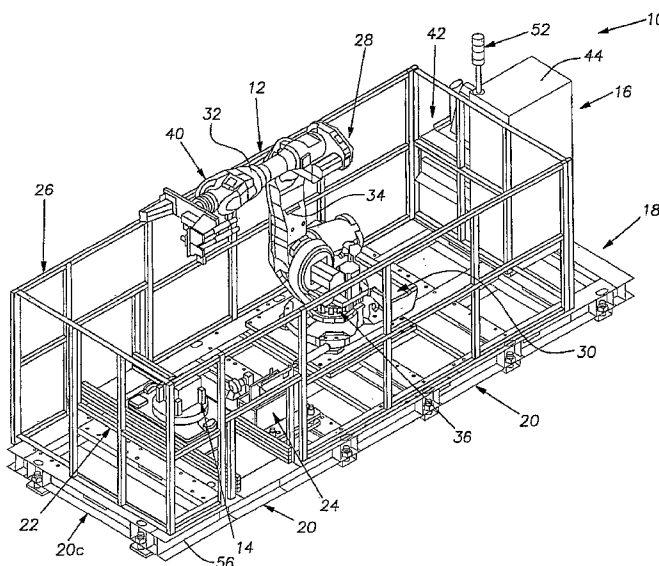
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(54) Title: MODULAR ROBOTIC WORK CELL



(57) Abstract: A robotic work cell (10) is provided and includes a platform (18), a robot (12) mounted to the platform (18) and a work piece holder (14) mounted to the platform (18). The platform (18) may be formed from a plurality of platform modules (20a, 20b, 20c, 20d) that are aligned and secured together. The platform (18) includes one or more movement-facilitation devices (100) mounted to the platform (18). A single air pallet (186) may be used for the movement-facilitation device (100). Alternately, a plurality of air bearings (156) or caster assemblies (102) may be used as the movement-facilitation devices (100).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. B25J21/00 B25J9/00 B25J5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 517 003 A (BOSCH GMBH ROBERT [DE]) 9 December 1992 (1992-12-09) figure 3 column 2, line 42 - line 56 column 3, line 57 - column 4, line 1 column 4, line 22 - line 25	1-5, 12, 19
X	DE 201 14 160 U1 (FELSOMAT GMBH & CO KG [DE]) 8 November 2001 (2001-11-08) page 7, line 10 - line 12 page 8, line 1 - line 4 page 8, line 12 - line 24 page 9, line 8 - line 16	1
A	DE 91 00 213 U1 (SIEMENS AG, 8000 MUENCHEN, DE) 28 March 1991 (1991-03-28) figures 1,2	1, 12, 13, 15, 19, 20
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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Z document member of the same patent family

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	DE 297 21 362 U1 (HUEGIN HANS DIPL ING FH [DE]) 12 February 1998 (1998-02-12) figure 1 page 3, line 23 - line 29 page 3, line 45 - line 47 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

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