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CH DE ES FR IT LI(88) Date of deferred publication of the search report:
10.03.93 Bulletin 93/10(71) Applicant: **WESTINGHOUSE ELECTRIC CORPORATION**
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Cherleroi, Pennsylvania 15022(US)(74) Representative: **Stratmann, Ernst, Dr.-Ing.**
Schadowplatz 9
W-4000 Düsseldorf 1 (DE)(54) **Automated cure press closure system and method.**

(57) An automated shimming device (70, 72) and method for use with a form and cure press is shown. The shimming device (70, 72) is composed of a plurality of contiguous wedge sets. The wedge sets are disposed between two dc servo drive (113, 119) and linear activator (115, 123) assemblies. One servo drive (113) is an UP drive which urges all lower wedges (85) laterally which in turn force the upper wedges (71) to travel vertically along inclined planes which slide along corresponding inclined planes on the lower wedges. A similar downward motion is performed by a DOWN drive (119). The wedge sets form a bottom surface to close the gap between the lower pressing bar (66) and an upper curing mold (36) of a form and cure press assembly. The wedges assure desired dimensional tolerances in the materials (47, 49) being cured and formed.

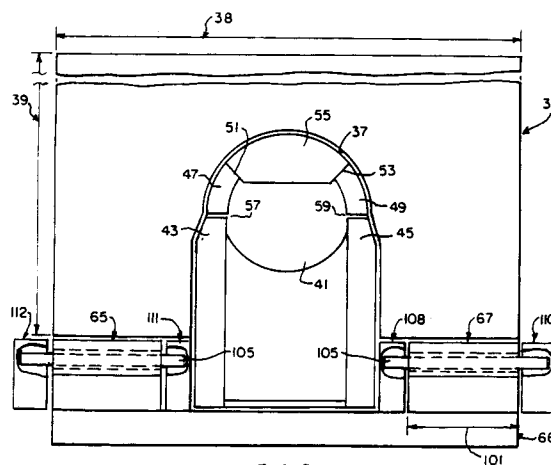


FIG. 2.

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EUROPEAN SEARCH REPORT

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EP 91 11 7270

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.5)
A	DE-A-3 223 288 (POLYGRAM) * page 5, line 10 - page 6, line 19; figures * ---	1,2,6,8	H01F7/22 H01F41/04
A	FR-A-2 635 285 (RICARD) * page 8, line 10 - line 23; figure 3 * * abstract * ---	1,2,4,6, 8	
A	I.E.E.E. TRANSACTIONS ON MAGNETICS vol. 24, no. 2, March 1988, NEW YORK pages 1338 - 1340 DUSTMANN ET AL 'Series production of the superconducting Hera dipole magnets' * page 1, left column, last paragraph - right column, line 13; figure 1 * ---	1,8,10	
A	PATENT ABSTRACTS OF JAPAN vol. 12, no. 360 (M-746)27 September 1988 & JP-A-63 115 651 (NIPPON KOKAN) 20 May 1988 * abstract * ---		TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	US-A-4 462 291 (SCHULZ) -----		H01F B29C B30B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15 JANUARY 1993	Examiner MARTI ALMEDA R.
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			