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(54) **Sealed beverage container and apparatus for producing same.**

(57) A sealed beverage container comprises a rectangular parallelepipedal main body (11) of paper-base laminate having a top wall (14), a bottom wall (16) and a trunk wall (15), and upper and lower caplike reinforcing covers (12,13) made of thermoplastic synthetic resin and fitted over the upper and lower ends of the main body (11) respectively. Each of the covers (12,13) has a top wall (42) and a peripheral wall (41) which is bonded by fusion to the trunk wall (15) of the main body (11). The container is produced by an apparatus which comprises a conveyor (52) having holders (72) each adapted to hold the container main body (11) as laid down thereon with its opposite ends projecting therefrom sidewise, a heater (60) disposed above the path of travel of the holder for heating the opposite ends of the main body, a fitting unit (61) disposed above the path downward from the heater for fitting the respective covers (12,13) over the opposite ends of the container main body (11), and a pressure bonding unit (62) disposed above the path downstream from the fitting unit (61) for pressing the peripheral wall of each cover (12,13) against the trunk wall (15) for bonding.

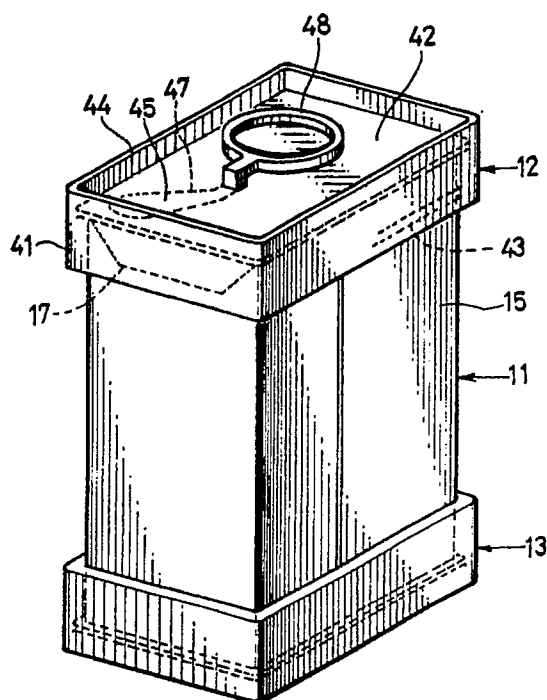


Fig. 1

EP 0 279 486 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 88200244.7
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	AU - B - 54 637/86 (THE PROCTER & GAMBLE COMPANY) * Totality * --	1	B 65 D 5/62 B 31 B 1/64 B 31 B 15/74 B 65 D 51/18
A	US - A - 4 210 618 (PILTZ et al.) * Fig. 1,6,7 * --	1	
A	EP - A2 - 0 104 548 (ROBERT BOSCH GMBH) * Totality * --	1	
A	US - A - 2 979 995 (BERGSTEIN et al.) * Fig. 1-23; claim 1 * --	6-8	
A	US - A - 4 514 181 (HUGHES) * Fig. 1-6; claim 1 * ----	6-8	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 31 B 1/00 B 31 B 15/00 B 31 B 17/00 B 65 B 61/00 B 65 D 3/00 B 65 D 5/00 B 65 D 17/00 B 65 D 41/00 B 65 D 51/00 B 65 D 85/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 30-04-1991	Examiner CZUBA
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			