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(54) Hinge arrangement for a toilet bowl seat and lid

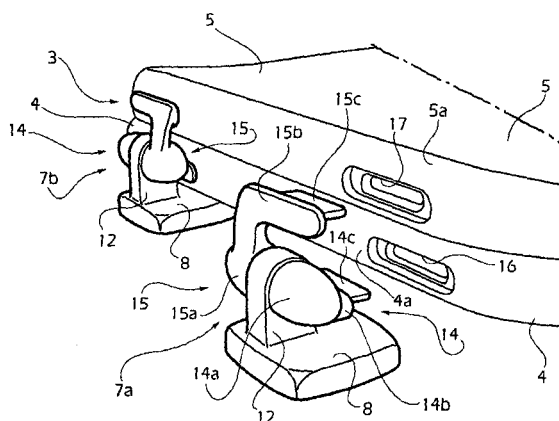
(57) The hinge arrangement (6) enables a closure assembly (3) including a seat (4) and a lid (5) to be hinged to a toilet bowl and includes a pair of hinges (7a, 7b) each including in turn

a support base (8) for fixing to a rear part of the bowl;
an upright member (12) extending upwards from the support base (8);
a transverse pin carried by the upper end of the upright member (12); and
first and second hinge elements (14,15) each including a respective bush portion (14a,15a) mount-

ed for rotation on the transverse pin, and respective arms (14b,15b) for securing to the lid (5) and the seat (4) respectively.

The hinge arrangement (6) is characterised in that the arms (14b,15b) of the hinge elements (14,15) are made so as to be fitted to the rear edge surface of the lid (5) and the seat (4) respectively, each having an integral formation (14c,15c) in the shape of a blade, for embedding in a corresponding seat or slot (16,17) in the rear edge of the lid (5) and the seat (4) respectively so that, once assembled for use, the said arms (14b,15b) are substantially invisible.

Fig. 2





European Patent
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EUROPEAN SEARCH REPORT

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A	* page 5, line 8 - page 9, line 10; figures *	2,3	

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	* page 3, paragraphs 7-10; figure 14 *		

			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A47K
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 26 August 2004	Examiner Fajarnés Jessen, A
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 04 00 4669

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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26-08-2004

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