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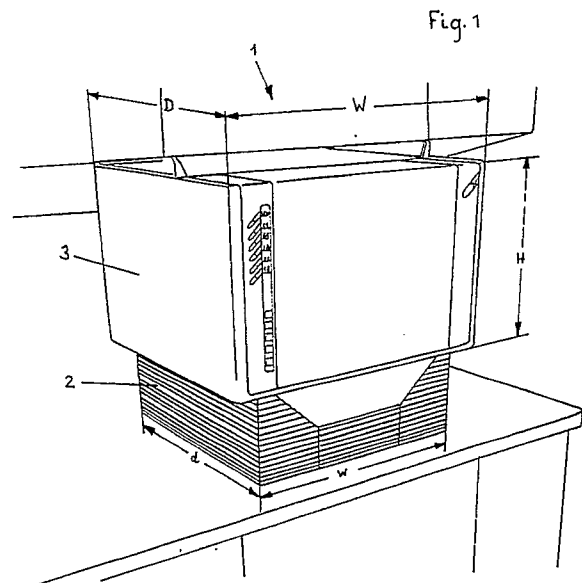
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(54) **Dishwashing machine.**

(57) Present invention refers to a dishwashing machine of reduced overall dimensions; the main characteristic of the machine is that the lower part of the machine has such dimensions that it is possible to insert it into the standard aperture of kitchens cooking tables.



EP 0 431 211 A1

DISHWASHING MACHINE

Present invention refers to a dishwashing machine of small overall dimensions.

It is well known that besides normal dishwashing machines, of considerable weight and dimensions, also dishwashing machines have been proposed having reduced dimensions, with obvious advantages in modern kitchens, where there is often lack of available room. Such reduced dimensions dishwashing machines, however, show some inconveniences; dimensions, nevertheless, do not always allow them to be located onto a service table in a kitchen where overhanging cabinets are present; stability, in particular when the pottery loading door is open, may presents problems.

It is the object of the present invention to indicate a dishwashing machine which reduces the disadvantages of the known small dimensions dishwashing machines and that, more precisely, does not interfere with the presence of overhanging cabinets and has better stability, still leaving the greater part of the underlying cabinet free for other uses.

To attain the said object, the subject of present invention is a dishwashing machine of reduced overall dimensions, characterized in that the lower part of the machine has such dimensions that it is possible to insert it into the standard aperture of kitchens cooking tables.

Such a solution has, moreover, the advantage that also the safety is improved because the electric lower part of the machine may be insulated from basin water sprinkling by means of a gasket.

Other objects and advantages of the present invention will be clear from the detailed description which follows and from the attached drawings, which are supplied only as an explanatory and not limiting example, wherein:

figure 1 shows a reduced dimensions dishwashing machine according to the invention;

figure 2 shows the view of a compound kitchen with the dishwashing machine of figure 1.

In figure 1, which shows a reduced dimensions dishwashing machine according to the invention, it may be clearly seen that lower part 2 of the machine has smaller size than central and upper part 3 of the same machine. In particular dimensions of central and upper part 3 of shown machine are as follows:

- height $H = 330$ mm
- width $W = 600$ mm
- depth $D = 520$ mm

Dimensions of lower part 2 are instead:

- height $h = 150$ mm
- width $w = 545$ mm
- depth $d = 465$ mm.

As apertures of standard cooking tables 4 of

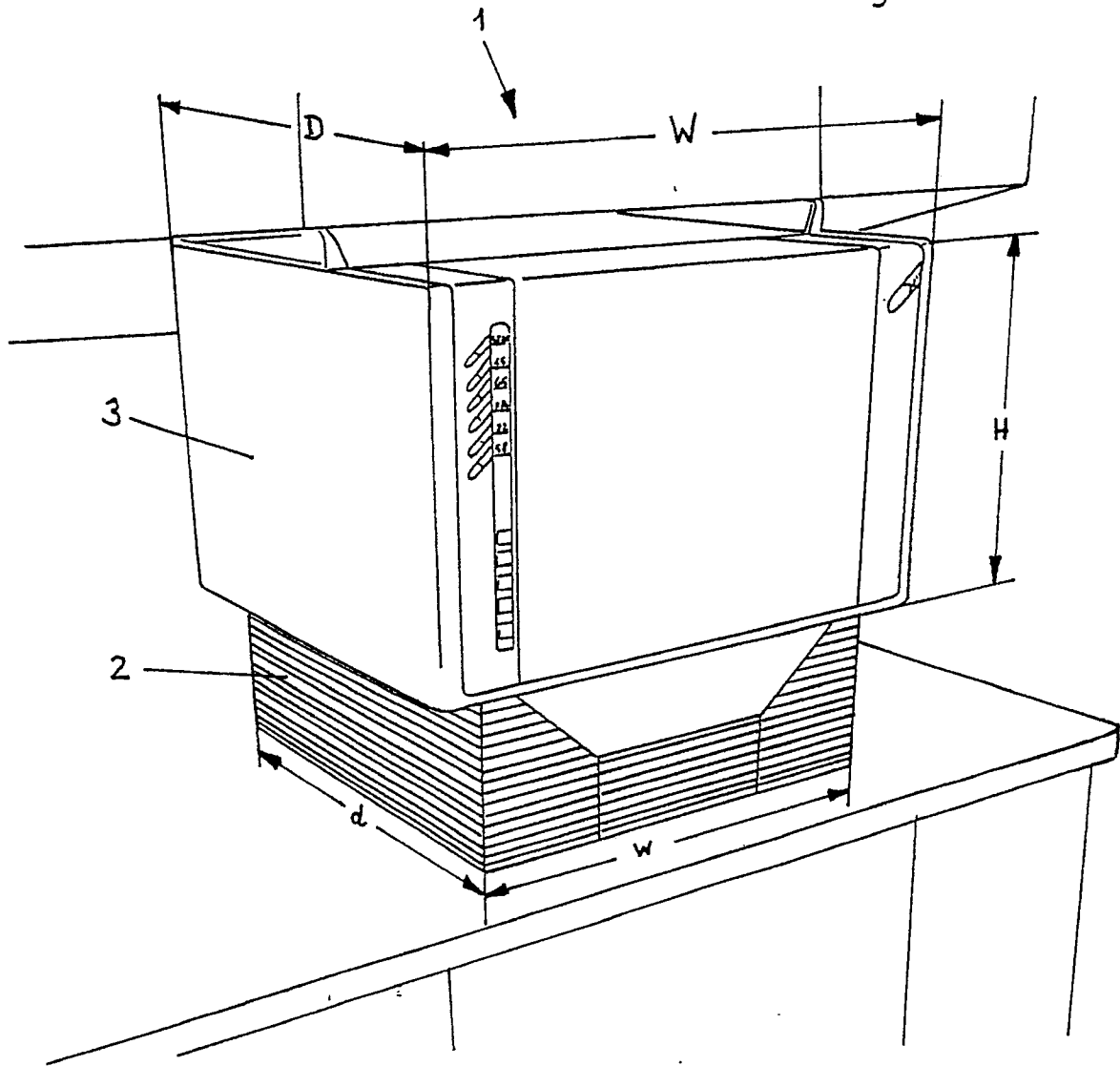
compound kitchens 5 are of following dimensions: mm 550 x 470 or mm 555 x 475, it may be seen that lower part 2 of the described dishwashing machine 1 may be easily and firmly inserted in any one of said apertures.

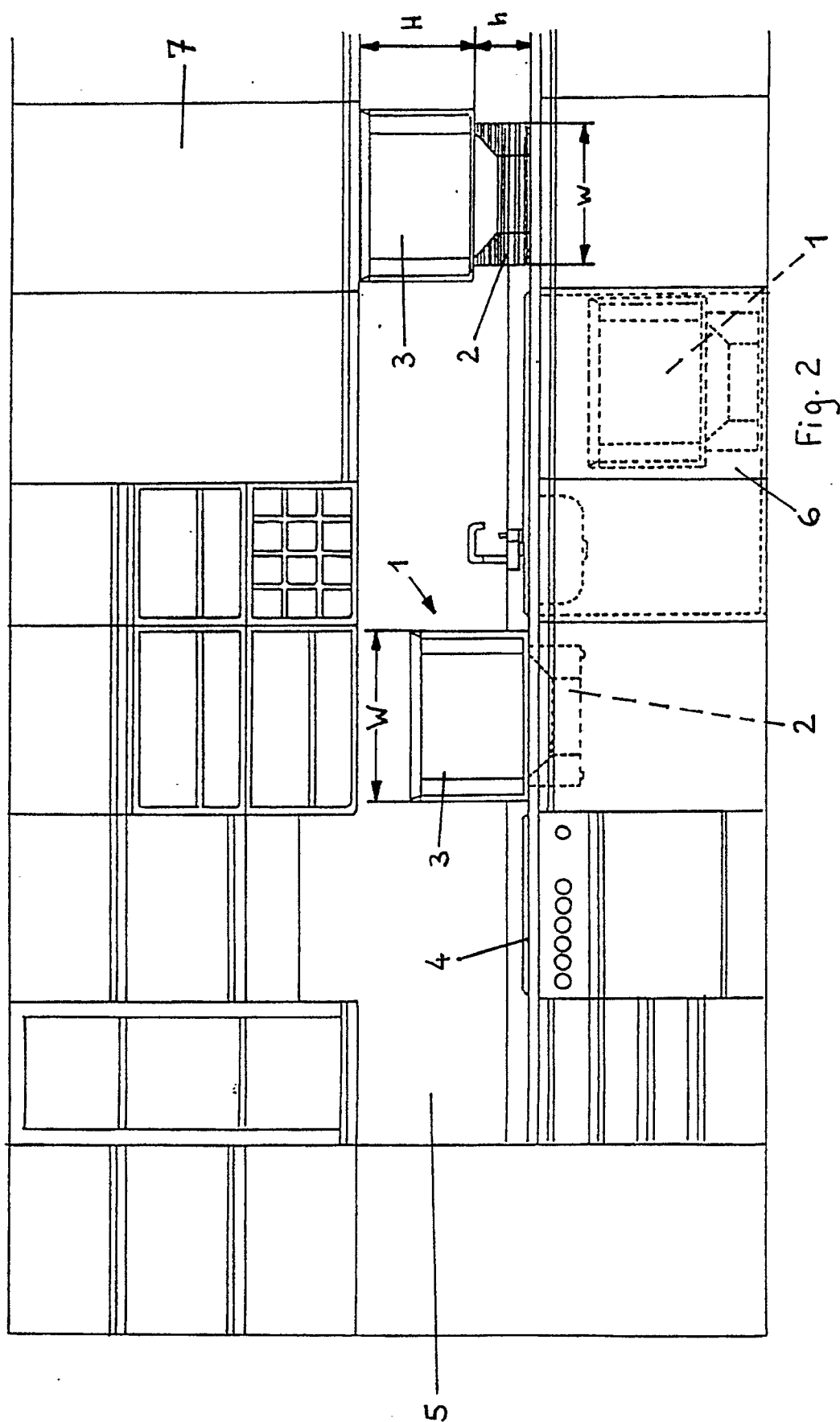
Figure 2 shows in fact a reduced overall dimensions dishwashing machine 1, inserted into a standard cooking table 4 of a compound kitchen 5 (on the left side). There is also the possibility to insert dishwashing machine 1 into a small cabinet 6, located on the floor. On the right side of figure 2 there is shown the possibility of locating the dishwashing machine 1 onto a small cabinet 6, under an overhanging cabinet 7 because the sum of the heights $H + h$ does not exceed the distance between small cabinet 6 and overhanging cabinet 7.

Claims

1. Dishwashing machine of reduced overall dimensions, characterized in that the lower part (2) of the machine (1) has such dimensions that it is possible to insert it into the standard aperture of kitchens cooking tables (4).
2. Dishwashing machine according to claim 1, characterized in that dimensions of the lower part (2) of the machine are less than mm 550 (width w) and mm 470 (depth d).
3. Dishwashing machine according to claim 1 or 2, characterized in that the lower part (2) of the machine may be inserted in said cooking table (4) at least for a depth of mm 100.
4. Dishwashing machine according to any one of the preceding claims, characterized in that the height (H) of the machine (1), inserted into the aperture, is less than mm 360 from the supporting table.
5. Dishwashing machine according to any one of the preceding claims, characterized in that the dimensions of the upper part (3) of the machine (1) are greater than mm 555 (width W) and mm 475 (depth D).

Fig. 1







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EUROPEAN SEARCH REPORT

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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)
X	DE-A-2165864 (LAURENT) * page 3, lines 9 - 12; figure 1 * ---	1-4	A47L15/00
X	US-A-3680567 (HANSEN) * figures 1-3 * ---	1-3, 5	
X	US-A-4776359 (FEDERIGHI JR.) * column 2, lines 7 - 13; figures 1-3 * ---	1-3	
X	DE-A-3607894 (CASOLI) * the whole document * ---	1	
X	US-A-3176697 (GIBSON) * figures 1-3 * ---	1	
X	CH-A-410309 (STEINMANN) * figures 1-3 * ---	1	
X	US-A-4420005 (ARMSTRONG) * the whole document * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			A47L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25 JULY 1990	Examiner SCHARTZ J.
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