



Abstract:

The inventive wringer for scrubbing buckets basically comprises two independent tilting parts of a wringer (4) which are pivotally coupled inside the space of a support (1) fixed to the bucket mouthpiece. Said independent parts (4) are pivotally coupled with parallel axes communicating with the end spaces (3) of the support (1) and are tiltable oppositely to the resistance of spring elements (5).

- 1 -

WRINGER FOR SCRUBBING BUCKETS**FIELD OF THE INVENTION**

The present invention generally relates to a wringer for scrubbing buckets, more specifically for wringing a
15 mop.

BACKGROUND OF THE INVENTION

At the present time, mop wringers for scrubbing buckets exist which adapt to the mouthpiece of the buckets and have a structure which includes an inverted truncated-
20 conical cavity with the bottom and side wall thereof having holes, so that to wring out the mop the head thereof is introduced inside pressing and rotating the mop to wring out the same.

<

- 2 -

elements press on the head in order to wring it out, so that when one ceases to push downwards with the mop, those elements recover their idle position.

Among these wringers are found the patents of
5 invention numbers US2002/0066152 and EP 489237.

The first of these basically comprises an assembly of narrow flexible strands which define a truncated-conical space, at the same time as such strands converge downwards into a circular base.

10 On the other hand, the patent of invention number EP 489237 comprises two symmetrical assemblies of narrow flexible strands convergent toward the bottom which finish in an approximately rectangular base.

SUMMARY OF THE

- 2a -

Another characteristic is that the flexible spring-like elements comprise upward partitions which emerge at the bottom from the lower end parts of the frame-support in the proximity of the tilting axes of the two pieces, so
5 that the end edges of such partitions have contact with and confront the arched edge of ribs which are part of the independent pieces, which structure is also new.

Thus, each of the independent pieces comprises a

- 10 -

coupled along individual parallel tilting axes of the two independent wringing pieces that consist of alternate portions of axis corresponding to a free edge of straight walls of said two independent wringing pieces, the alternate portions being coupled in holes of conical opening defined by flukes in the form of an inverted "L" and projecting portions integral with front walls of the frame-support, being said flukes located at the bottom of the end spaces.

