ABSTRACT

BLENDER WITH REMOVABLE SPINDLE AND MONITORED RESERVOIR

An economical blender with a removable, motor driven spindle assembly to perform blending, a motor driven elevator used to lift a cup with food or beverage up to the spindle assembly and a liquid reservoir which allows liquid to be inserted into the food or beverage during blending. The removable spindle assembly has a quick release coupler and a compression spring which connects the quick release coupler to a cup cover. Blending is accomplished by connecting a motor driven inner spindle drive shaft to a concentric outer spindle drive tube through cogged couplers. The outer spindle drive tube powers a blending tool and, like the blending tool, is removable with the spindle assembly for cleaning.

[Fig. 1]