Sharp Cutting Object Disposal Device Provided With Means For Automatic Unscrewing Of Venopuncture Needles And The Like

ABSTRACT

A sharp cutting object disposal device provided with means for automatic unscrewing of venopuncture needles and the like, consisting of a tube (2) to which a pair of motors or a gear wheel are fixed, the wheel which, actuated by a geared part that upon sliding on the gear wheel, will cause the rotation of the latter and in turn, this gear wheel will move several gears which will make two cylindrical and solid contacts turn, carrying out the disposal of the needle by means of friction plus the passing of electric current, provided with a conduit inside for exhaust of gases produced by melting the needle, without needing ventilators or any other forced air system, in addition to having another tube for separating the needle from the "screw-on" type syringe during the same needle disposal operation, the inside of the drawer (3) having a housing recipient for the needle wastes, and another recipient (70) incorporated inside the container (2) for housing the plastic needleless syringes or non-sharp hospital wastes, and inside this container, there is an ozone or ultraviolet valve (55) for sterilizing the needles.

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