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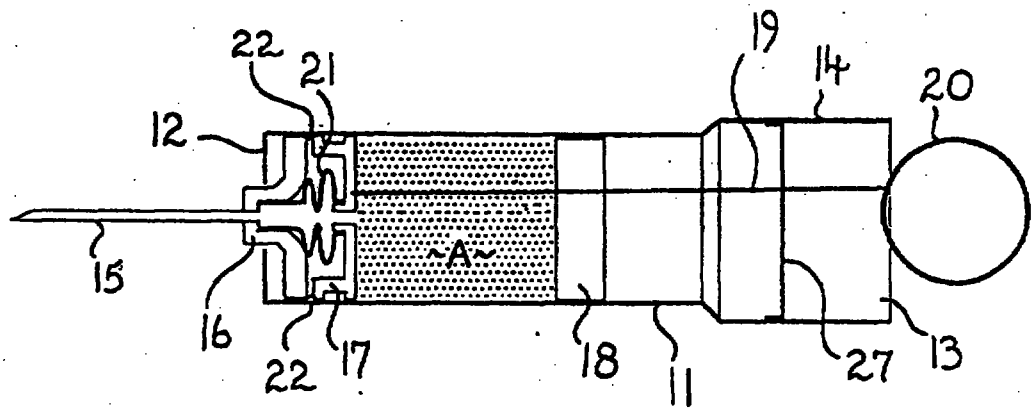
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(54) Title: INJECTION MEANS



(57) Abstract

An injection device comprising a hollow body (11) having a forward end (12) and a rearward end (13), the forward end (12) slidably receiving a hollow needle (15), the body (11) providing a chamber (A) between its forward end (12) and its rearward end (13), the chamber being defined between a plug (17) and a stop (18), the plug (17) being sealingly and slidably received within the body (11) adjacent the forward end (12), the stop (18) being slidably and sealingly received within the body (11) rearward of the plug (17) wherein a greater degree of effort must be applied to the stop (18) than to the plug (17) to effect slidable movement within the body, the rearward end (13) of the body having a portion (14) in which the stop (18) is not sealingly received within the body, a drive element (19) connected at one end to the plug (17) and slidingly and sealingly received through the stop (18) to extend from the rearward end (13) of the body (11), a manipulation means (20) provided on the other end of the drive element (19), the hollow interior of said needle (15) being connected to the chamber (A) through a flexible passageway (21) extending between the inner end of the needle (15) and the plug (17), said needle (15) being connected to the plug (17) or stop (18) by a tensioning means (21), a means (22) between the needle (15) and body (11) adapted to retain the needle (15) at a first position which extends from the body (11) and said means (22) being adapted to be able to release the needle (15) to allow the needle to move to a second position at which it is accommodated within the body, the movement between the first and second position being effected by the tensioning means (22).