SYRINGE HAVING NEEDLE ISOLATION FEATURES

ABSTRACT OF THE DISCLOSURE

A hypodermic syringe has a syringe barrel with a distal end and a passage therethrough communicating with a fluid-receiving chamber in the syringe barrel. A barrier extends across the passage to isolate the fluid in the chamber. A needle cannula is mounted to a needle hub slidingly engaged at the distal end of the syringe barrel. The needle cannula includes a proximally facing point for piercing the barrier in the passage to the chamber of the syringe barrel. A needle shield is mounted to the distal end of the syringe barrel, and cam means are provided for cam-guided rotational movement between the needle shield and the syringe barrel. The cam shape causes the needle shield and the needle cannula to move proximally for initially piercing the barrier and then to move distally to enable separation of the needle shield.

6003S

This Sheet Has Been Replaced

