LANCING DEVICE WITH DAMPENER

ABSTRACT OF THE DISCLOSURE

A lancing device includes a housing, a moveable lancet holder configured to hold a lancet, a launching mechanism, a depth stop with a depth stop surface, and a dampener for dampening at least one of sound and vibration during lancing. The moveable lancet holder includes a lancet holder depth stop interface surface. In addition, the moveable lancet holder and launching mechanism are operatively connected to lance a target site with the lancet and the dampener is disposed between the lancet holder depth stop interface surface and the depth stop surface. Forward movement of the moveable lancet holder during lancing of a target site is stopped by engagement between the lancet holder depth stop interface surface, the dampener and the depth stop interface surface.

FIG 5