

ABSTRACT

A dehydrated CNF storage device and method are provided for storing dehydrated CNFs. The device includes a storage chamber for storing a liquid medium and a
5 multilayer material immersed in the liquid medium, a first fixing mechanism, a sensing mechanism, and a pressure relief mechanism. The storage chamber includes a main body and a cover connected to the main body, and the cover defines a first opening for adding the liquid medium into the storage chamber or taking a sample of the liquid medium from the storage chamber. The first fixing mechanism fixes the multilayer
10 material in the storage chamber. The sensing mechanism senses characteristic data of the liquid medium in the storage chamber. The pressure relief mechanism adjusts a pressure in the storage chamber. FIG. 1