

ABSTRACT OF THE INVENTION

A solid-state fermentation system includes a horizontal fermentation vessel and an agitating assembly. The horizontal fermentation vessel includes a vessel body and a bottom cover which jointly define a fermentation
5 space. There are first baffles intermittently deposited on the inner wall of the vessel body and protruding toward the fermentation space. The agitating assembly includes a longitudinal tubular member, a plurality of mixing blades and a plurality of second baffles. A first end of each mixing blade connects with the longitudinal tubular member, and a second end has one of the second
10 baffles. The second baffles protrude toward the inner wall of the vessel body. In rotation, any one of the second baffles may stay between two neighboring first baffles or pass through two neighboring first baffles.

Fig. 2