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(57) Abstract :

An automated rice flaked preparation device, comprising a housing 1 installed with chamber 2 stored with rice paddy, a touch enabled screen 3 for feeding amount of flakes, a motorized iris lid for dispensing paddy in a container 4, a disc via a slider crank arrangement for mixing paddy, a heating unit for heating sand and rice, a link 5 equipped with a sieve 6 via a rack and pinion arrangement 7 for separating sand and popped rice, a camera 10 for detecting proper popping of paddy, a motorized hinge for flipping flakes in a receptacle 11, a motorized roller 8 via a telescopically operated rod 9 for removing rice bran to obtain flaked rice, an iris aperture for dispensing bran and flakes on a curved member 12, a vibrating unit for separating bran and flakes and an air blower 13 for blowing air.

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