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(57) Abstract :

The present invention herein relates to an intelligent screening system, particularly seed classification and recognition system, particularly an identification of composite ayurvedic seed to avoid mixture of wrong seeds while preparing medicines, more particularly an artificial intelligence supported image processing constituted system to provide better and accurate detection of quality and also complex structure, includes tuft hair, thorns and brushes, and irregular shape present in various seeds, efficiently; the said system comprises, a computational module [101], a camera module [102], a display module [106], a memory module [104], and a battery module [107]; wherein said separable and standalone device constituted an internet of things architecture using a built-in wireless protocol interface in the said computational module provided the interaction with a remote internet server and also mobile phone communication device. FIGURE 1

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