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(54) Title: SYSTEMS AND METHODS FOR EXTRACTING AND ISOLATING PURIFIED WHEAT EMBRYO PRODUCTS

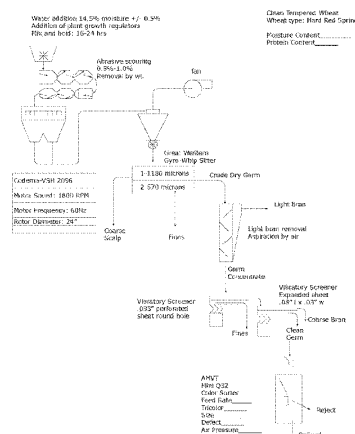


FIG. 5

(57) Abstract: Methods for producing a purified wheat embryo product are disclosed. In one embodiment, producing a purified wheat embryo product includes the steps of: accelerating a plurality of wheat berries toward an impact surface, impacting each of the plurality of wheat berries against the impact surface, dislodging at least some of the wheat embryos from the wheat berries in response to the impacting step such that the dislodged embryos are intact, and separating the dislodged wheat embryos from the bran and the endosperm to produce an intermediate purified wheat embryo product.