Patent Search

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Abstract:

SELF-PROPELLING MACHINE FOR AGRICULTURE HARVESTING AND THE METHOD THEREOF ABSTRACT The present invention relates to a self- propelling machine for a harvesting having 4 compartments as straw cutter unit (a) , conveyor chamber unit(b) , control unit(c) , and bale chamber unit(d) , having different parts which works making mechanism. Moreover the present invention also discloses the method for harvesting crop straw using the self-propelling machine that is integrated with cor bale making mechanism. Figure 1.

Complete Specification

Description:SELF-PROPELLING MACHINE FOR AGRICULTURE HARVESTING AND THE METHOD THEREOF

FIELD OF THE INVENTION

The present invention relates to a self-propelling electric machine for agriculture harvesting with the help of its developed continuous track wheels mechanism. Furthermore, the invention also relates to a method for harvesting crop straw that is integrated with compressing bale making mechanism.

BACKGROUND OF THE INVENTION

Generally, every year around 20 million tons of crops residue is being burnt contributing around 40% to air pollution during harvesting seasons. Alternatively, there many crops residue management machinery offered under subsidized price, however, it is clear from the reports that they are failing to address the problem due to several technical problems.

Agriculture experts and researchers identified as many as 26 various uses of this paddy crop residue including producing organic manures and using as bio gas. The motivation behind the invention is to leverage the technology for helping farmers clearing their farm after harvesting at lower costs and provide additional income by selling it to industries.

US2006086076A1 discloses a self-propelled harvesting machine has a chassis supported by drive wheels on the ground and a first drive for propelling the harvestin machine. At least one second drive for driving at least one working or harvesting device is provided. A drive unit that provides a variable total drive power for the fir second drives is provided. The drive unit has at least two drive motors. At least one common gear unit is associated with the at least two motors for transmitting a rotational movement. A control and regulating device controls a course of action for connecting a second one of the at least two motors to the common gear unit

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