

(54) Title of the invention : IMPLEMENTATION OF AUTOMATIC SMART IRRIGATION CONTROL SYSTEM USING ELECTRIC SOLENOID VALVE

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(57) Abstract :

Agriculture is the main source of food for all human beings. Water is the inevitable parameter for agriculture. Sometimes water drawn for agriculture is more than needed capacity and sometimes the water drawn is less than the needed capacity which indicates lack of water management. To properly channel the irrigation system, we have designed a system which is very effective and affordable for the farmers. Due to water scarcity and the high labour cost, farmers stop doing agriculture. The purpose of this system is to help farmers and to motivate them to do agriculture more and to ensure that all crops are having enough water for their healthy growth.

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