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(57) Abstract :

A hose pipe joining device, comprises of a hollow elongated body 1 developed in a manner to join two pipes together, a primary inlet 2 fabricated on first portion of body 1 use to insert first hose pipe, an artificial intelligence based imaging unit 3 attached with body 1 for capturing and detecting presence the first hose pipe, a primary clamping unit 4 mapped with body 1 for gripping inserted first hose pipe, a secondary inlet 5 fabricated on second portion of body 1 for inserting a second hose pipe, a secondary clamping unit 6 attached with body 1 for gripping inserted second pipe, a touch interactive display panel 7 mounted on body 1 for taking user details regarding length up to which pipes are to be joined, and a sliding arrangement 8 attached with secondary clamping unit 6 for joining of two pipes together.

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