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(57) Abstract :

A lifting device for objects, comprising a telescopic arrangement 1 having a handle 2 attached to a first section for gripping the arrangement 1 and a second section that is bifurcated into two branches, a rotatable cam type unit 3 attached to each of the branches for engaging with an object due to load imposed by the cam 3 on the objects, wherein the user adjusts height of the arrangement accordingly for moving the objects, a sensing module 4 for sensing pressure exerted by the units on the objects while engagement along with detecting material type of the objects, a microcontroller 5 that processes and compares data(s) received from the module 4 and generates a command in case the sensed pressure in accordance to detected material type is below a threshold value, a display panel 6 for displays an alerting message in case grip on objects is loosened. Ref. Figure: 1

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