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(57) Abstract :

The present invention relates to a fall protection system, comprising multiple doppler radar sensors installed on a building for detecting the presence of a human body by analyzing speed of the body falling from a height of the building, multiple pistons 1 having a safety net 2 mounted on the building, wherein the pistons 1 function via a compressor that provides pressurized air to enable movement of the piston 2 and a control unit associated with the system for actuating the compressor upon comparing the analyzed speed with a default speed in order to determine the presence of the body thus opening the net 2 for holding the body and indicating presence of human body to nearby people using an alarm.

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