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(57) Abstract :
The present invention relates to an automated container loading device, comprising a platform 1 installed with multiple rods 2 provides support on ground surface, an artificial intelligence-based imaging unit 4 installed on platform 1 for determining dimension and orientation of a container placed on surface, a robotic link 5 configured with an electromagnetic patch installed on platform 1 for placing path on container to lift and place container on platform 1, a motorized sliding unit 7 installed on platform 1 for providing movement to link 5 that result in successful loading of container on platform 1, and a touch interactive display panel 8 installed on platform 1 accessed by user to input details regarding transferring of container to another surface.

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