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(57) Abstract :

Smart and innovative ramp for boarding and getting off from train is the proposed invention. The proposed invention focuses on designing and developing of the sliding/ramp-style train door marks a significant achievement in the realm of rail transportation innovation. This innovative design facilitates ramp-like movement, optimizing passenger flow during both boarding and disembarking processes. The gradual motion ensures seamless accessibility for passengers with reduced mobility. presenting a comprehensive solution that enhances both passenger experience and overall rail transportation.

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