

(54) Title of the invention : SECURED SLIDING EQUIPMENT FOR PLAYGROUND

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(57) Abstract :

A secured sliding equipment for playground, comprising a body 1 oriented as ladder 2 attached to a chute 3 for enabling user to climb ladder 2 , sits on first portion 4 and slides down towards second portion 5 of chute 3 , artificial intelligence based thermal imaging unit 6 for detecting number of user(s), posture and fear of accidents associated with user(s), multiple safety elements having multiple telescopic supports installed around chute 3 and an inflation unit attached at the second portion for preventing accidents and reducing landing impact by providing support at sides and end of chute 3 and multiple rollers 8 attached on sides of chute 3 for dispensing antiskid material towards sliding surface of chute 3 to reduce sliding speed of user(s) to prevent collision with different user and reduce landing impact on reaching second portion 5 after sliding down the chute 3. Ref. Figure 1, 2

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