(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/11/2022

(21) Application No.202211064924 A
(43) Publication Date : 02/12/2022

(54) Title of the invention : ASSISTIVE SYSTEM FOR FREEING STUCK VEHICLES

(51) International classification	:B66C0001660000, A63B0021000000, B65G0023080000, H01L0027146000, A63B0021020000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
An assistive system for freeing stuck vehicles, comprises of a circular disc 1 carved with multiple slots 2 is engaged by a user over a wheel hub of a stuck tyre of a vehicle, an iris aperture 3 is fabricated within each of slots 2 to create a grip over wheel hub, a drilling unit 4 mapped with an eyebolt 5 associated with system for fixing eyebolt 5 within a fixed surface in proximity to stuck vehicle, a motorized roller 6 wrapped with a rope 7 is configured on eyebolt 5 for unwrapping rope 7, a pair of curved plate 8 installed with a loop 9 mounted on circular disc 1 accessed a user for passing rope 7 and further tying rope 7 with a tow- hook 10 integrated on vehicle and a tension sensor fabricated on loop 9 for detecting tension experienced by rope 7.

No. of Pages : 16 No. of Claims : 4