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(57) Abstract :

7. ABSTRACT A main and tail rope haulage system comprises of two drums namely main (104) and tail drum (102), two ropes namely main (118) and tail rope (116), a single track (108), an electric motor (106) and a pulley (112). The single track (108) is installed between the said two drums and the main drum (104) is used to uncoil the main rope (118) by using the electric motor (106). The tail drum (102) is used to coil the tail rope (116) gives additional movement to the tubs (110). The main (118) and tail ropes (116) are connected to the said two drums by installing a pulley (112). The high speed of operation is done. The single motor (106) is used for driving the two drums. This system is used for efficient transporting of material. Figure associated with Abstract is Fig. 1.

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