

ABSTRACT

TENSION ADJUSTING DEVICE FOR ESCALATOR OR MOVING WALKWAY HANDRAILS

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10 An escalator (2) or moving walkway has a moving
handrail (12). A handrail tensioning device (30) is
mounted so as to engage the handrail (12). A first
adjustment means (62,60) moves the tensioning device
(30) so as to remove all handrail slack from the
handrail loop. A second adjustment means (56) moves the
tensioning device (30) to a second predetermined
15 position to impart optimum slack to the handrail (12)
whereby handrail friction and heat is minimized during
operation of the escalator (2) or moving walkway.

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Fig. 2