

ABSTRACT**TERMINAL RAIL SYSTEM FOR ESCALATOR**

A terminal rail system for an escalator includes an escalator step including a step front roller and a step rear roller, an upper guide rail for guiding the step front roller, a lower guide rail for guiding the step rear roller, a semicircular inner casing and outer casing connected to each other by a side plate and engaged to a curved portion of the lower guide rail at which curve portion the escalator step changes a proceeding level, and for guiding the step rear roller through a channel formed between the casings, and a buffer attached to the semicircular outer casing so as to reduce an impact caused by the proceeding step rear roller. The terminal rail system decreases an impact resulting from the step rear roller, for thereby decreasing pulsation or vibration of the step and obtaining an extended longevity of the step rear roller and the terminal rail.

Figure 7