

ESCALATOR STEP AND ESCALATOR HAVING THEREOF

ABSTRACT

An escalator step comprising: a tread that includes a body section where a plurality of convex sections, which are parallel in a travelling direction, are arranged in a width direction; a riser that is coupled at a rear end portion of the body section of the tread and on which a plurality of convex sections are arranged in a width direction, with troughs being formed between adjacent convex sections; and a shock absorbing cleat that is provided in a notch which is formed in a corner portion where the riser and the tread are coupled together, wherein, on the shock absorbing cleat, a plurality of convex sections, which are parallel in a travelling direction, are arranged in a width direction, rear end surfaces are flush with troughs of the riser, each of the convex sections of the shock absorbing cleat is disposed in such a way as to be shifted a half pitch from each of the convex sections of the riser, and the shock absorbing cleat is made from a polymeric material having a Young's modulus of 1,000 MPa or less.

Fig. 1