



(12) **CORRECTED EUROPEAN PATENT APPLICATION**  
published in accordance with Art. 153(4) EPC

(15) Correction information:  
**Corrected version no 1 (W1 A1)**  
**Bibliography INID code(s) 71**

(51) Int Cl.:  
**B66B 31/02 (2006.01)**

(48) Corrigendum issued on:  
**11.02.2009 Bulletin 2009/07**

(86) International application number:  
**PCT/JP2006/303042**

(43) Date of publication:  
**05.11.2008 Bulletin 2008/45**

(87) International publication number:  
**WO 2007/096948 (30.08.2007 Gazette 2007/35)**

(21) Application number: **06714182.0**

(22) Date of filing: **21.02.2006**

(84) Designated Contracting States:  
**DE NL**

(72) Inventor: **KAWASAKI, Atsushi**  
**Chiyoda-ku, Tokyo 1008310 (JP)**

(71) Applicant: **MITSUBISHI ELECTRIC CORPORATION**  
**Chiyoda-ku**  
**Tokyo 100-8310 (JP)**

(74) Representative: **HOFFMANN EITL**  
**Patent- und Rechtsanwälte**  
**Arabellastrasse 4**  
**81925 München (DE)**

(54) **MOVING HANDRAIL REPAIR DEVICE FOR PASSENGER CONVEYOR**

(57) A moving handrail repair device includes a self-travelling means and a heating means mounted on the self-travelling means. The self-travelling means travels on a balustrade of a passenger conveyor along a longitudinal direction of a moving handrail. The heating means

heats and melts a surface portion of the moving handrail. The surface portion of the moving handrail is formed of a thermoplastic material. In a case where the surface portion of the moving handrail is damaged, an object portion to be repaired of the surface portion is heated and melted, and then the object portion is re-hardened.

