

Title (en)  
TWO-LAYERED, FORMED TOILET SEAT AND METHOD OF MANUFACTURING SAME.

Title (de)  
ZWEILAGIGER TOILETTENSITZ UND HERSTELLUNGSVERFAHREN.

Title (fr)  
SIEGE DE TOILETTE A DEUX COUCHES ET SON PROCEDE DE FABRICATION.

Publication  
**EP 0679359 A1 19951102 (EN)**

Application  
**EP 94931179 A 19941027**

Priority  
• JP 9401819 W 19941027  
• JP 29408893 A 19931029  
• JP 16619394 A 19940624

Abstract (en)  
In manufacturing a heating toilet seat (40), a heater (72) is inserted into heater holding grooves (64) in a support base material (60), a heat-transfer sheet (74) is provided to cover the heater (72) and the support base material (60), and an adhesive sheet (76) is used to bond a heater unit (70) to the upper surface (62) of the support base material (60). Then a seat body (50) is laminatingly formed on the heat-transfer sheet (74) by injection molding. The heat-transfer sheet (74) covers irregularities of the heater (72) and is flush with the upper surface (62) of the support base material (60) to provide a smooth surface. Accordingly, a fused resin smoothly flows at the time of injection molding of the heater toilet seat (40), and the heater (72) will not be displaced or moved to one side even under high injection pressure. <IMAGE>

IPC 1-7  
**A47K 13/30**

IPC 8 full level  
**A47K 13/30** (2006.01)

CPC (source: EP KR)  
**A47K 13/30** (2013.01 - KR); **A47K 13/305** (2013.01 - EP)

Citation (search report)  
See references of WO 9511615A1

Cited by  
AU754034B2; CN100334991C; GB2482500A; GB2482500B; WO9962392A1; US11408158B2; US11982073B2; US11118338B2; US11603650B2; US11913207B2

Designated contracting state (EPC)  
BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)  
**WO 9511615 A1 19950504**; CA 2152952 A1 19950504; CN 1115961 A 19960131; EP 0679359 A1 19951102; KR 960700019 A 19960119

DOCDB simple family (application)  
**JP 9401819 W 19941027**; CA 2152952 A 19941027; CN 94190838 A 19941027; EP 94931179 A 19941027; KR 19950702698 A 19950629