

Title (en)  
PORTABLE FACILITATED TOILET APPARATUS

Title (de)  
TRAGBARE UNTERSTÜTZTE TOILETTENVORRICHTUNG

Title (fr)  
APPAREIL DE TOILETTES ASSISTEES PORTABLES

Publication  
**EP 1873319 A1 20080102 (EN)**

Application  
**EP 06730938 A 20060327**

Priority  

- JP 2006306990 W 20060327
- JP 2005096504 A 20050329
- JP 2005144704 A 20050517
- JP 2005276367 A 20050922

Abstract (en)  
This is a portable toilet device. Broken excrement may be certainly drained. Means (40) for breaking the excrement having crushing blades is installed in the stagnant portion (18) of the body (20) of the toilet device, means (200) for sending the broken excrement by compression, which sends compressed air into the stagnant portion (18), and a lid for open and closure that closes the stagnant portion (18) tightly are provided. When treating the excrement after bowel movement, the lid for open and closure is closed and then, by driving the means for breaking the excrement, the excrement is stirred and broken into fragments with the stagnant portion being tightly closed. After breaking the excrement into fragments, compressed air is jetted into the stagnant portion so that a liquid mixture formed by breaking the excrement into fragments can be sent by compression toward a side of drain hose (14). Since the drain hose is connected to an existing toilet device of an existing toilet facility or the like, this liquid mixture can be certainly drained to a side of the existing toilet device if the broken excrement is sent by compression.

IPC 8 full level  
**E03D 9/10** (2006.01); **B02C 18/00** (2006.01); **E03D 11/00** (2006.01); **E03D 11/02** (2006.01)

CPC (source: EP US)  
**E03D 9/10** (2013.01 - EP US); **E03F 1/006** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006104231A1

Cited by  
CN105833952A; CN108978828A; CN105833957A; CN105951964A; CN108425420A; WO2012012913A1

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