

Title (en)
TOILET CLEANING SYSTEM

Title (de)
TOILETTENREINIGUNGSSYSTEM

Title (fr)
SYSTÈME DE NETTOYAGE DE TOILETTES

Publication
EP 3677731 C0 20231004 (EN)

Application
EP 18849958 A 20180822

Priority
• JP 2017163837 A 20170829
• JP 2018030976 W 20180822

Abstract (en)
[origin: EP3677731A1] A toilet cleaning system 1 including a water supply channel which supplies cleaning water to a toilet, a bypass water supply channel which is branched from the water supply channel and is connected to a drainage channel connected to a drainage portion of the toilet, and an air bubble mixing portion which bubbles air and mixes the bubbled air into the cleaning water supplied to the bypass water supply channel.

IPC 8 full level
E03D 5/00 (2006.01); **A61L 2/03** (2006.01); **C11D 3/48** (2006.01); **E03D 9/00** (2006.01); **E03D 9/02** (2006.01)

CPC (source: EP)
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Designated contracting state (EPC)
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AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
EP 3677731 A1 20200708; **EP 3677731 A4 20200916**; **EP 3677731 B1 20231004**; **EP 3677731 C0 20231004**; CN 110998037 A 20200410; ES 2966902 T3 20240424; JP 2019039267 A 20190314; JP 6775121 B2 20201028; WO 2019044622 A1 20190307

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