

Title (en)  
HYGIENIC CLEANING DEVICE

Title (de)  
HYGIENISCHE REINIGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE NETTOYAGE HYGIÉNIQUE

Publication  
**EP 3222789 B1 20210623 (EN)**

Application  
**EP 15860674 A 20150914**

Priority  
• JP 2014236098 A 20141121  
• JP 2015096156 A 20150511  
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• JP 2015004660 W 20150914

Abstract (en)  
[origin: EP3222789A1] A hygienic cleaning device includes a body, foam generation unit (560) for generating cleaning foam, spray nozzle (550) for forming a water film or a foam film onto an inner surface of a toilet bowl, and a discharge water amount variable unit for variably changing a flow rate of cleaning water or cleaning foam to be delivered to spray nozzle (550). The hygienic cleaning device further includes spray nozzle drive unit (550a) for rotating a direction of a discharge opening of spray nozzle (560), opening and closing valve (530a) for opening and closing a water passage to the spray nozzle, control unit (130), and an operation unit for setting an instruction for the control unit. Control unit (130) changes, in accordance with a rotational angle of the discharge opening of spray nozzle (550), an output of the discharge water amount variable unit. As a result, the hygienic cleaning device capable of using spray nozzle (550) in a diversified manner can be provided.

IPC 8 full level  
**E03D 9/00** (2006.01); **E03D 9/08** (2006.01)

CPC (source: EP)  
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Cited by  
CN112482522A; EP3699370A1

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