

Title (en)  
DRAIN VALVE WITH FLOW CURRENT CHOKE ELEMENT

Title (de)  
ABLAUFVENTIL MIT SPÜLSTROM-DROSSELEMENT

Title (fr)  
VANNE DE VIDANGE DOTÉE D'UN RESTRICTEUR DE FLUX DE RINÇAGE

Publication  
**EP 3138969 B1 20191002 (DE)**

Application  
**EP 16184142 A 20160815**

Priority  
DE 202015104665 U 20150902

Abstract (en)  
[origin: CN106480948A] The invention provides a discharge valve applied to a sanitary ware water tank especially a toilet water tank. The discharge valve comprises a valve insertion hole (8), a valve body with a sealing face or a sealing device (10), and a valve base (3) used to limit a discharge hole (3.2), wherein the valve body can be guided to move in the valve insertion hole; the sealing face or the sealing device (10) is placed on the valve base (3) when the discharge valve is sealed, and the discharge hole (3.2) is released when the discharge valve is opened; the valve insertion hole (8) is connected to the valve base (3) by at least one vertical spacing part (6, 7); and at least one flow-in face (E) which is located in washing water flow direction and at the valve base (3) upstream is limited by the spacing part. The invention aims to provide equipment which can adjust washing water flows from the sanitary ware water tank conveniently and reliably. The purpose is achieved by the type of discharge valve. The discharge valve is characterized in that at least one washing water flow throttling component (11) is disposed on at least one spacing part (6, 7) and/or the valve insertion hole (8) in an adjustable manner; and effective dimensions of the flow-in face (E) could be changed through rotation relative to the spacing part (6, 7) and/or pushing of at least one washing water flow throttling component (11).

IPC 8 full level  
**E03D 1/34** (2006.01)

CPC (source: CN EP)  
**E03D 1/34** (2013.01 - CN EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 202015104665 U1 20161205**; CN 106480948 A 20170308; CN 106480948 B 20210518; DK 3138969 T3 20191202; EP 3138969 A1 20170308; EP 3138969 B1 20191002; ES 2754722 T3 20200420; PL 3138969 T3 20200331

DOCDB simple family (application)  
**DE 202015104665 U 20150902**; CN 201610795782 A 20160831; DK 16184142 T 20160815; EP 16184142 A 20160815; ES 16184142 T 20160815; PL 16184142 T 20160815