

Title (en)

DIRT REMOVING DEVICE AND DIRT REMOVING UNIT

Title (de)

SCHMUTZENTFERNUNGSVORRICHTUNG UND SCHMUTZENTFERNUNGSEINHEIT

Title (fr)

DISPOSITIF ET UNITÉ D'ÉLIMINATION DE SALETÉ

Publication

EP 3196348 A1 20170726 (EN)

Application

EP 15841918 A 20150515

Priority

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- CN 2015079047 W 20150515

Abstract (en)

A dirt removing device is provided which can prevent the hand from tiredness, and can perform a dirt removing operation always with a stable beating force and beating speed. The device further can use different kinds of detergent according to the type and state of the dirt. The dirt removing device (100) has a cassette mechanism (1) having a head (11) formed with a beating face (21a), a liquid accommodating portion (12) for accommodating liquid, and a water supplying passage (13) which is started from the liquid accommodating portion (12) and penetrates into the entire head (11); and a device body (3) having a vibration unit (31). The cassette mechanism (1) is detachably received in the vibration unit (31), and the vibration unit, when being powered, causes the cassette mechanism to vibrate in a direction substantially orthogonal with the beating face (21a) of the head (11). The liquid is supplied from the liquid accommodating portion (12) to the beating face (21a) of the head (11) through the water supplying passage (13), along with the vibration of the cassette mechanism (1) caused by the vibration unit (31).

IPC 8 full level

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