

Title (en)

Display device for a filter, and vacuum cleaner with such a filter as waste air filter

Title (de)

Anzeigevorrichtung für einen Filter, und Staubsauger mit einem solchen Filter als Abluftfilter

Title (fr)

Dispositif d'affichage pour un filtre, et aspirateur avec d'un tel filtre comme filtre à air sortant

Publication

EP 2384679 B1 20190327 (DE)

Application

EP 11401060 A 20110413

Priority

DE 102010016789 A 20100505

Abstract (en)

[origin: EP2384679A2] The device (40) has a filter replacement indicator (48) operated by an operating element (50) based on thermal expansion, where the operating element includes a thermally expandable medium (52) i.e. wax. The operating element has an operating lever (54) that is moved with the thermal expansion of the medium. The indicator has a mechanical counter for adjusting change marking based on a predetermined number of operations by the operating element. A counter operating lever is operated by the operating lever, where the indicator device is arranged lateral to a filter medium. An independent claim is also included for a vacuum cleaner comprising a filter.

IPC 8 full level

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CPC (source: EP US)

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