

Title (en)
DEVICE AND METHOD FOR FILTERING UNTREATED AIR, BEVERAGE BOTTLING AND/OR BEVERAGE CONTAINER PRODUCTION SYSTEM AND USE OF AT LEAST ONE PRESSURE DIFFERENTIAL VALUE MEASURED BY MEANS OF A PRESSURE AT ONE FILTER ELEMENT OF FILTER ELEMENTS THAT ARE CONNECTED IN SERIES

Title (de)
VORRICHTUNG UND VERFAHREN ZUM FILTERN VON ROHLUFT, GETRÄNKEABFÜLL- UND/ODER GETRÄNKEBEHÄLTERHERSTELLANLAGE UND VERWENDUNG MINDESTENS EINES AN EINEM FILTERELEMENT VON IN REIHE GESCHALTETEN FILTERELEMENTEN DRUCKTECHNISCH GEMESSENEN DIFFERENZDRUCKWERTES

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR LA FILTRATION D'AIR BRUT, ÉQUIPEMENT DE PRODUCTION DE CONTENANTS À BOISSON ET/OU DE REMPLISSAGE DE BOISSONS ET UTILISATION D'AU MOINS UNE VALEUR DE PRESSION DIFFÉRENTIELLE MESURÉE SELON LA TECHNIQUE DE LA PRESSION SUR UN ÉLÉMENT FILTRANT PARMI DES ÉLÉMENTS FILTRANTS MONTÉS EN SÉRIE

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Abstract (en)
[origin: WO2013004596A1] The invention relates to a device (1; 101) for filtering untreated air (2; 102) in an air supply (11; 111) of a clean room (5; 105) of a beverage treatment system (6; 139), comprising more than one filter element (7, 8, 9; 107, 108, 109) and a pressure differential measuring assembly (17; 117), in which the filter elements (7, 8, 9; 107, 108, 109) are connected to the pressure differential measuring assembly (17; 117) for pressure measurement such that a respective first pressure pick-up (18, 19, 20, 21, 22; 118, 119, 120) is arranged upstream of the respective filter element (7, 8, 9; 107, 108, 109) and a second pressure pick-up (19, 20, 21, 22; 119, 120, 121) is arranged downstream of the respective filter element (7, 8, 9; 107, 108, 109), wherein each of the filter elements (7, 8, 9; 107, 108, 109) can be monitored with regard to the operability thereof by means of the pressure differential, wherein the pressure differential measuring assembly (17; 117) has fewer pressure differential measuring devices (28; 128) than filter elements (7, 8, 9; 107, 108, 109) to be monitored that are connected to the differential pressure measuring assembly (17; 117) for pressure measurement.

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