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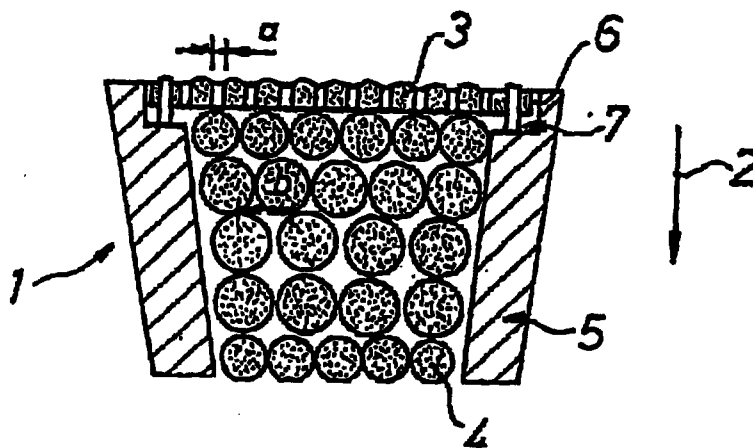
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(54) Title: FILTER ELEMENT

(54) Bezeichnung: FILTERELEMENT

(57) Abstract

A filter element (1) for liquid permeable floor area fastening (17), a floor covering plate (15), a manhole cover (15), a sewage cavity or the like, with at least one pre-filtering layer (3) in the direction of the through-flow (2) and at least one following filter layer (4,4'), wherein the free through-flow sections (a, b, b') of each layer (3, 4, 4') increase from layer to layer in the direction of the through-flow. The filter also comprises a housing (5) which surrounds the filter layers (4,4') in a frame-like manner and maintains them, wherein each filter layer (4,4') is formed from granular material and the grains are available in loose form or linked to each other by a weak binding agent.



(57) Zusammenfassung

Filterelement (1) zum Aufbau einer flüssigkeitsdurchlässigen Bodenflächenbefestigung (17), Bodenbelagsplatte (15), Schachtabdeckung (15), Abwassermulde od. dgl., mit in Durchströmrichtung (2) zumindest einer Vorfilterschicht (3) und zumindest einer darauffolgenden Filterschicht (4, 4'), wobei die freien Durchströmquerschnitte (a, b, b') jeder Schicht (3, 4, 4') in Durchströmrichtung von Schicht zu Schicht zunehmen, und mit einer Ummantelung (5), welche zumindest die Filterschicht(en) (4, 4') rahmenartig umgibt und festhält, wobei jede Filterschicht (4, 4') aus granularem Material gebildet ist und die Granulatkörner entweder in loser Form vorliegen oder durch ein schwaches Bindemittel miteinander verbunden sind.