

Title (en)  
NUTRIENT DELIVERY SYSTEM

Title (de)  
NÄHRSTOFFZUFUHRSYSTEM

Title (fr)  
SYSTEME DE DISTRIBUTION D'ELEMENTS NUTRITIFS

Publication  
**EP 1339646 A1 20030903 (EN)**

Application  
**EP 01996516 A 20011114**

Priority  
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Abstract (en)  
[origin: WO0240413A1] A nutrient delivery material for use in a media remediation system comprising a support material conjoined one or more nutrients, which nutrient(s) are releasable upon the flow of media thereover is described. The present invention provides nutrients to a bacterial population that in turn will breakdown contaminants. This system can be used to enhance natural attenuation processes by supplying essential nutrients in conditions where these nutrients are limiting or completely absent. The media could be water, air, etc.; generally water such as groundwater. The delivery system is maintenance free for long periods of time. It will also allow the nutrient delivered to be site-specific thereby optimising degradation. Nutrients can be released at a rate determined by growth of the microbial population. Nutrients released will immediately be utilised by the bacterial population growing on the material. This will prevent the unnecessary release of nutrients into the surrounding environment.

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CPC (source: EP)  
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