

19.- Filter media Aqualite™

Title and name of product or technology	
Josab Aqualite™ System, Filter media Aqualite™	
Abstract	
Compact Water purification Systems without addition of chemicals, Natural filter media for different applications.	
Description including main features/advantages	
Purifies the water without addition of Chemicals, is simple and versatile. High efficiency and capacity/equipment volume ratio.	
Innovative aspects	
<ul style="list-style-type: none"> ➤ Less environmental impact ➤ Lower cut-off ➤ Significant water clarity ➤ Improved T10-value ➤ Reduced energy need ➤ Improved backwashing efficiency ➤ Longer filter cycles ➤ Reduced water consumption ➤ Less consumables 	
Current and potential industrial users/domains of application	
<p>Process water purification – e.g. removal of heavy metals, ammonium etc.</p> <p>Purification of waste water from carpet cleaning facilities</p> <p>Polishing of “old” traditional wastewater plant to meet new and higher requirements on wastewater quality.</p> <p>Polishing of Oily bilge water – reduction of petroleum products.</p> <p>Purification of ground water at construction sites.</p>	
Current state of development	
Drinking water- and industrial process water systems are in use, waste water treatment systems are in use (polishing build-on systems), ground water purification are in use, oily bilge water separators are in use. New methods for removal of Arsenic under research & development.	

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