

A magnetic reactor for the capture of pollutants

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Description of the technology	<p>A magnetic reactor for the capture of pollutants can clean the flue gas before it reaches the atmosphere. An important part of the technology is ferrite.</p> <p>The advantage of this reactor is that it can be well utilized with high flow rates, hence its use as a filter. The temperature and pressure can also be controlled in the reactor and can be modified to use catalysts based on photocatalytically active substances where decomposition by UV radiation takes place. The equipment can be used for the disposal of hazardous chemicals and waste, for the purification of flue gases prior to release into the atmosphere or for the capture of carbon.</p>
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Stage of Development	Development of prototype
Language of communication	English, Czech, Slovak
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More information	More information on this page
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