

Madsen, Søren R. N.

Fra: Hall, Damien [Damien.Hall@environment.gov.au]
Sendt: 9. december 2009 08:49
Til: Schou, Lone; Reville, Barry
Cc: Madsen, Søren R. N.; Rothenfluh, Daniel
Emne: RE: [Fwd: Re: GPCR Technology Alive and Well.] [SEC=UNCLASSIFIED]
Prioritet: Høj
From: Hall, Damien
Sent: 09-12-2009 08:49:15
Subject: RE: [Fwd: Re: GPCR Technology Alive and Well.] [SEC=UNCLASSIFIED]
To: Schou, Lone; Reville, Barry

Dear Lone,

Thank you for your email.

Since receiving your email we have searched the relevant patent databases in an effort to assess the patent filed by Natural Energy Systems Inc as described by Dr Lloyd-Smith. To date we have been unable to find the patent referred to by Dr Lloyd-Smith on any database register.

Should you have any additional information relating to the patent we would be happy to receive it.

It appears from the Natural Energy Systems Inc website that the application was lodged only in February 2009 which may be why it does not yet appear on the patent databases. It does not seem that Natural Energy Systems Inc has yet been issued with a new patent for the GRP technology.

We understand that the time between lodgement of a patent application and the granting of the patent can be lengthy. It can take years for a patent to be issued following lodgement.

In addition to our own research, we have sought the independent advice of SIA. SIA has confirmed that once a patent is issued, it would take at least 6-8 years to have a technology operating commercially. Of course, there is no guarantee that this version of GPCR would work on the Orica HCB waste, given the past problems. A thorough research program involving trials of the HCB material would be necessary and, as you would appreciate, it could take several years to move from the research phase on a new technology to a fully functioning major commercial facility.

If we can locate adequate details of the patent application, we would be very happy to ask SIA to assess its potential.

Warm Regards

Damien

From: Schou, Lone [mailto:LOS@MST.DK]
Sent: Tuesday, 8 December 2009 11:14 PM
To: Hall, Damien; Reville, Barry
Cc: Madsen, Søren R. N.
Subject: VS: [Fwd: Re: GPCR Technology Alive and Well.]

14-06-2010

Dear Damien

I have received the attached mail from Greenpeace Denmark. Would you be kind to look at it as well. My first reaction is that this is a new patent application for the process which has been assessed in the SIA report, and as the patent is pending, there will be a possibility to start building a new facility when the patent has been given.

I will of course look more carefully into the link, but I would be glad if I could get your response as well.

best regards
Lone

Hi All,

I thought you might be interested in this and perhaps Erik you could consider forwarding it to your EPA.

It's an email I sent out to the GAIA network listserve in response to their discussions about hazardous waste destruction technologies.

"The good news is that the original inventor and developer of the Gas Phase Chemical Reduction technology, Dr Douglas Hallett and Mr Craig McEwen, have started a new company to pursue the application of the technology. The old patents owned by Eco Logic have expired and a new and improved patent by Hallett and McEwen is pending. The new company is called Natural Energy Systems Inc and they are pursuing much broader applications of the GPCR technology as well as using it for the destruction of hazardous wastes. They have also dropped the "C" and now refer to the technology as Gas Phase Reduction or GPR but the technology is the same. You can visit www.naturalenergyinc.com to see the applications of the technology.

And as I mentioned in my previous email we are still campaigning to have GPR used for destruction of the 22,000 tonnes of HCB waste stored in Sydney Australia, rather than see this stockpile transported to Denmark for incineration. Last year with the help of German NGOs, IPEN and GAIA we were able to stop the export to Germany."

So let's all hope this technology can again take its place as a commercially available non incineration technology for our legacy of toxic waste.

Regards Mariann

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Venlig hilsen/
Best Regards

Erik Albertsen
Toxics Campaigner
Greenpeace

14-06-2010

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Greenpeace is an independent global campaigning organisation that acts to change attitudes and behaviour, to protect and conserve the environment and to promote peace. It comprises 28 independent national/regional offices in over 40 countries across Europe, Africa, the Americas, Asia and the Pacific, as well as a co-ordinating body, Greenpeace International

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