

Press Release

New active ingredient patent for Fermentalg's technology for breeding microalgae in a mixotrophic environment

Libourne – 27 July 2015 – Fermentalg, an industrial biotechnology company that specializes in the production of oils and proteins from microalgae, has announced that it has been awarded a new active ingredient patent to protect its technology for breeding microalgae in a predominantly heterotrophic mixotrophic environment.

The patent, for which an application was filed jointly with Pierre Guérin SAS in 2013, protects the unique pyrolysis technology (Flash) used in the industrial fermenters developed by the two partners. The new technology for breeding microalgae in a predominantly heterotrophic mixotrophic environment is used to trigger the two "engines" of microalgae (their chloroplasts and mitochondria) that need light to produce molecules of interest, allowing the partners to exploit a more diverse range of strains and optimize the industrial production of yields.

This 4th generation, state-of-the-art patented technology gives Fermentalg a competitive edge over rival technologies (autotrophy and heterotrophy) when it comes to market penetration and industrial deployment.

Already in place in the 1st fully mixotrophic 1,000-liter fermenter commissioned on site in 2014, it will also be used in the future Industrial Development Unit (IDU) Daniel Thomas under construction.

About Fermentalg

Founded in 2009 by Pierre Calleja, Fermentalg is an industrial biotechnology company that specializes in producing sustainable oils and proteins derived from the exceptional properties of microalgae. Its patented technology allows it to target a range of fast-growing global markets, from nutrition and animal feed to cosmetics and health, green chemistry and energy. Fermentalg has already signed its 1st industrial and commercial joint-venture for the production of Omega-3 oils rich in EPA and DHA as well as several other partnerships with leading industrial groups. Fermentalg shares are listed on Euronext in Paris (FR0011271600 - FALG). For more information, visit the Fermentalg website at: www.fermentalg.com.



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