

## ESAB

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The mission of the Section is to promote the development of Applied Biocatalysis throughout Europe. Applied Biocatalysis is the development through science and engineering of useful biological catalysts and their commercial applications.

### Recent Publications by ESAB:



- [Estimation of Serpa cheese ripening time using multiple linear regression \(MLR\) considering rheological, physical and chemical data.](#)  
*Raw ewes' milk semi-soft cheeses (RESS-cheeses) are important products in...* 4th November, 2008  
Instituto Politecnico de Beja - Escola Superior Agraria, Rua Pedro Soares,- J Dairy Res. 2008 May;75(2):233-9. ([DOI Direct Link](#))
- [Assessment of chemical, biochemical and ecotoxicological aspects in a mine soil amended with sludge of either urban or industrial origin.](#)  
*A greenhouse pot experiment was conducted to evaluate the effect of sewage...* 22nd October, 2008  
Department of Environmental Sciences, Escola Superior Agraria de Beja, Rua- Chemosphere. 2008 Aug;72(11):1774-81. Epub 2008 Jun 10. ([DOI Direct Link](#))
- [Evaluation of tests to assess the quality of mine-contaminated soils.](#)  
*An acid metal-contaminated soil from the Aljustrel mining area (a pyrite...* 9th October, 2008  
Departamento de Ciencias do Ambiente, Escola Superior Agraria de Beja, Rua- Environ Geochem Health. 2008 Apr;30(2):95-9. Epub 2008 Feb 2. ([DOI Direct Link](#))
- [Acute toxicity of atrazine, endosulfan sulphate and chlorpyrifos to \*Vibrio fischeri\*, \*Thamnocephalus platyurus\* and \*Daphnia magna\*, relative to their concentrations in surface waters from the Alentejo region of Portugal.](#)  
*Ecotoxicological effects of the herbicide atrazine and the insecticides...* 9th September, 2008

Departamento de Ciencias do Ambiente, Escola Superior Agraria de Beja,- Bull Environ Contam Toxicol. 2008 Nov;81(5):485-9. Epub 2008 Sep 8. ([DOI Direct Link](#))

- [Cellular Adhesion, Proliferation and Viability on Conducting Polymer Substrates.](#)

*This work reports a comprehensive study about cell adhesion and...*7th August, 2008

Departament d'Enginyeria Agroalimentaria i Biotecnologia, ESAB,- Macromol Biosci. 2008 Aug 5. ([DOI Direct Link](#))

- [Evaluation of chemical and ecotoxicological characteristics of biodegradable organic residues for application to agricultural land.](#)

*The use of organic waste and compost as a source of organic matter and...*15th June, 2007

Departamento de Ciencias do Ambiente, Escola Superior Agraria de Beja, Rua- Environ Int. 2007 May;33(4):505-13. Epub 2006 Dec 26. ([DOI Direct Link](#))

- [Flocculation in brewing yeasts: a computer simulation study.](#)

*A new simulator, INDISIM-FLOC, based on the individual-based simulator...*30th May, 2007

Departament de Matematica Aplicada III, Edifici ESAB, Universitat- Biosystems. 2006 Jan;83(1):51-5. Epub 2005 Oct 17. ([DOI Direct Link](#))

## BioNews Results for ESAB



- [Hot small caps: Rank boosted by trading update](#)

*Yahoo! UK and Ireland: Oct 17 2008 5:25PM Matching: esab*

## ESAB Patents:



- 6191381- [Tapered electrode for plasma arc cutting torches](#)
- 6388430- [Buck regulator circuit for use in a power supply](#)
- 6419142- [Apparatus for friction stir welding](#)
- 6420673- [Powdered metal emissive elements](#)
- 6423922- [Process of forming an electrode](#)
- 6423937- [Arc ignition arrangement](#)
- 6427894- [Electrode wire feeder for an arc welding system](#)
- 6433300- [Electrode interface bonding](#)
- 6440229- [Lower pre-heat block for use in metal scarfing apparatus](#)
- 6452130- [Electrode with brazed separator and method of making same](#)
- 6388233- [Method and apparatus for arc welding with melting electrode](#)
- 6362450- [Gas flow for plasma arc torch](#)
- 6346685- [Plasma arc torch](#)
- 6215090- [Plasma arc torch](#)
- 6222155- [Cutting apparatus with thermal and nonthermal cutters, and associated methods](#)
- 6232574- [Method and apparatus for improving plasma ARC consumable life](#)

- 6232575- [Apparatus and method for supplying fluids to a plasma arc torch](#)
- 6264088- [Welding assembly for friction stir welding](#)
- 6274842- [Method of cutting a workpiece along an arcuate path with a plasma arc torch](#)
- 6299048- [Plant for friction stir welding](#)
- 6313437- [Method for arc welding with melting electrode](#)
- 6316745- [Arrangement with transfer of measured values](#)
- 6483070- [Electrode component thermal bonding](#)
- 6528753- [Method of coating an emissive element](#)
- 7105770- [Plasma arc torch](#)
- 7112759- [Plasma torch with interchangeable electrode systems](#)
- 7115833- [Metering system and method for supplying gas to a torch](#)
- 7150389- [Method and apparatus for friction stir welding](#)
- 7156275- [Welding head, welding system, method and computer program for friction stir welding](#)
- 7179036- [Fastening arrangement employing thread-forming screw](#)
- 7256366- [Plasma arc torch, and methods of assembling and disassembling a plasma arc torch](#)
- 7423235- [Electrode and electrode holder with threaded connection](#)
- 7431776- [Slag-removal system and method in a cutting table](#)
- 7094990- [Contact nozzle for electric arc welding](#)
- 7087856- [System and method for determining an operational condition of a torch](#)
- 7081597- [Electrode and electrode holder with threaded connection](#)
- 6563075- [Method of forming an electrode](#)
- 6657153- [Electrode diffusion bonding](#)
- 6726471- [Flashback arrestor for use with head of Oxy-fuel torch](#)
- 6777638- [Plasma arc torch and method of operation for reduced erosion of electrode and nozzle](#)
- 6854632- [Welding apparatus](#)
- 6910881- [Flashback arrestor for use with head of oxy-fuel torch](#)
- 6969819- [Plasma arc torch](#)
- 6979422- [Active flashback arrestor for use with head of a torch](#)
- 7034245- [Systems and methods for controlling pilot arc current in an arc cutting or welding machine](#)
- 7435925- [Plasma arc torch](#)

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