

Title (en)  
CONSTRUCTIONAL UNIT FOR BIPOLAR ELECTROLYSERS

Title (de)  
KONSTRUKTIONSEINHEIT FÜR BIPOLARE ELEKTROLYSEURE

Title (fr)  
UNITE STRUCTURELLE POUR ELECTROLYSEURS BIPOLAIRES

Publication  
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Application  
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Abstract (en)  
[origin: US2005077068A1] The invention describes a structural unit for bipolar electrolyzers according to the filter press technique, at least comprising a first half-shell, a second half-shell and a frame-shaped carrier element, in which at least one of the half-shells contains plastics material, the two half-shells are arranged within the carrier element so that the rear wall of the first half-shell and the rear wall of the second half-shell abut one another, the carrier element as well as the two half-shells have at least two openings for the inflow and outflow of electrolyte and/or gas, and the two half-shells have passages lying above one another in the floor for accommodating at least one electrically conducting connecting element, to which is secured in the first half-shell a first electrode and in the second half-shell a second electrode.

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