

Title (en)  
CATHODE SHELL STRUCTURE

Title (de)  
KATHODENWANNENSTRUKTUR

Title (fr)  
STRUCTURE D'ENVELOPPE DE CATHODE

Publication  
**EP 2475807 B1 20180228 (EN)**

Application  
**EP 10814008 A 20100903**

Priority  
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Abstract (en)  
[origin: WO2011028132A1] Cathode structure for an electrolysis cell, preferably a cell for production of aluminium according to the Hall-Heroult process, said structure comprises a shell with vertical stiffeners and horizontal webs at its outside, and further several cradle structures (12) consisting of interconnected vertical structural elements (6) and horizontal beams (5). The structure comprises at least one horizontal web (9) having apertures (16) and further being arranged in contact with said shell.

IPC 8 full level  
**C25C 3/08** (2006.01); **C25C 3/10** (2006.01)

CPC (source: EP)  
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