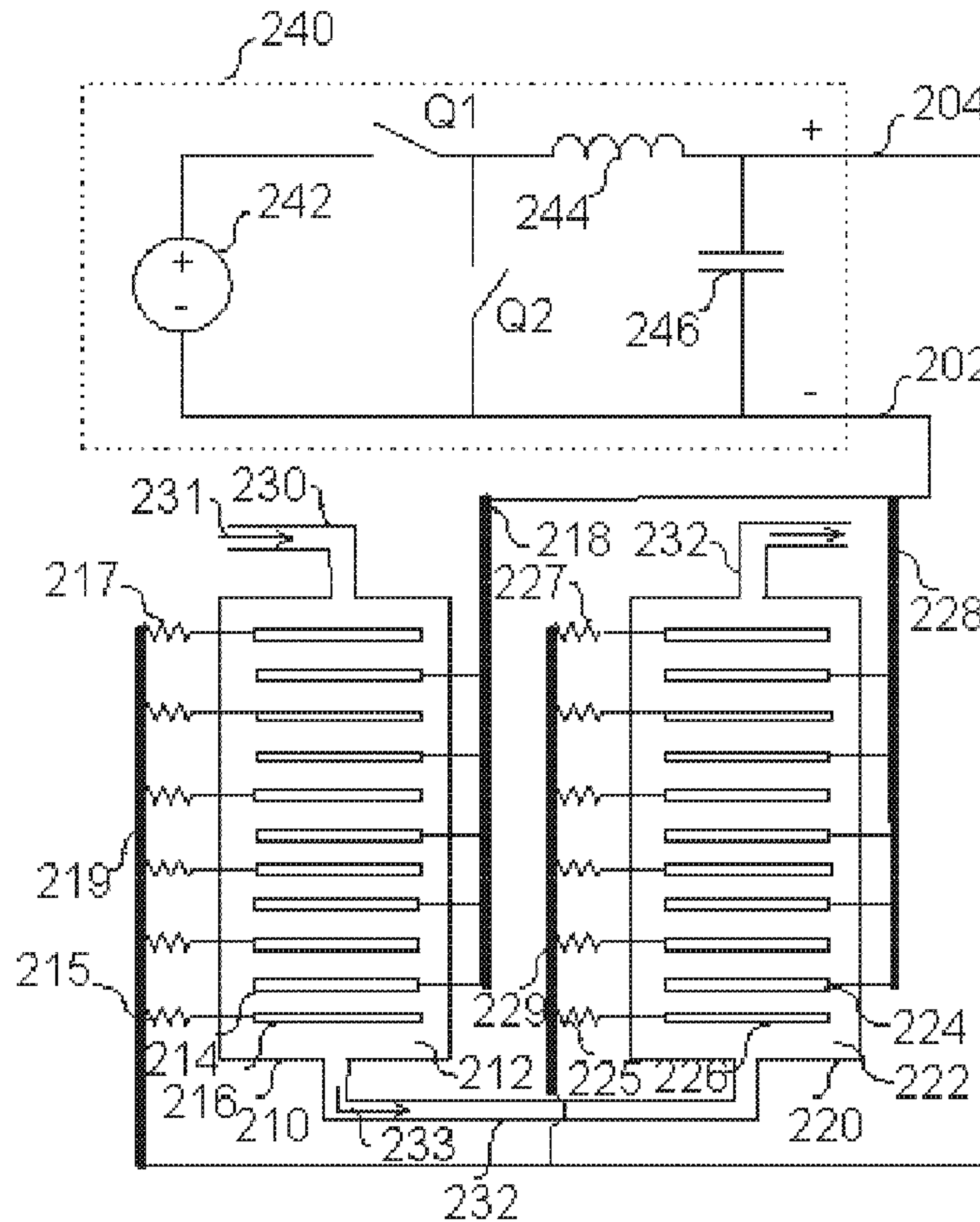




(86) **Date de dépôt PCT/PCT Filing Date:** 2013/01/28
 (87) **Date publication PCT/PCT Publication Date:** 2013/08/15
 (45) **Date de délivrance/Issue Date:** 2017/02/14
 (85) **Entrée phase nationale/National Entry:** 2014/07/07
 (86) **N° demande PCT/PCT Application No.:** FI 2013/050089
 (87) **N° publication PCT/PCT Publication No.:** 2013/117805
 (30) **Priorité/Priority:** 2012/02/10 (FI20125143)

(51) **Cl.Int./Int.Cl. C25C 7/02** (2006.01),
C25C 7/06 (2006.01)
 (72) **Inventeurs/Inventors:**
GRANT, DUNCAN, GB;
BARKER, MICHAEL H., FI;
VIRTANEN, HENRY K., FI
 (73) **Propriétaire/Owner:**
OUTOTEC (FINLAND) OY, FI
 (74) **Agent:** NORTON ROSE FULBRIGHT CANADA
LLP/S.E.N.C.R.L., S.R.L.

(54) **Titre : SYSTEME POUR LA COMMANDE DE PUISSANCE DANS DES CELLULES POUR LA RECUPERATION ELECTROLYTIQUE D'UN METAL**
 (54) **Title: SYSTEM FOR POWER CONTROL IN CELLS FOR ELECTROLYTIC RECOVERY OF A METAL**



(57) **Abrégé/Abstract:**

According to an aspect of the invention, the invention is a system for electrolytic processing or recovery of a metal from an electrolyte solution (233). The system comprises electrolysis cells (210,220) and a rectifier (240). The cells comprise interleaved

(57) Abrégé(suite)/Abstract(continued):

anodes (216) and cathodes (214). The anodes or the cathodes of a first cell have an electrical connection to a positive (204) or a negative terminal (202) of the rectifier (240), respectively, via a first electrical path having a first resistance (215). The anodes or the cathodes of a second cell have an electrical connection to a positive or a negative terminal of the rectifier, respectively, via a second electrical path having a second resistance (225). The second resistance is configured to be higher than the first resistance. The system further comprises a channel (232) for electrolyte from the first cell to the second cell, the electrolyte containing the metal in a dissolved ionic form, metal concentration in the first cell being higher than in the second cell.