

Title (en)

BISMUTH METAL OXIDE PYROCHLORES AS ELECTRODE MATERIALS

Title (de)

WISMUTH-METALLOXID-PYROCHLORE ALS ELEKTRODENMATERIAL

Title (fr)

OXYDES MÉTALLIQUES DE BISMUTH À STRUCTURE DE PYROCHLORES, SERVANT DE MATÉRIAUX D'ÉLECTRODE

Publication

EP 2443269 A2 20120425 (EN)

Application

EP 10790131 A 20100616

Priority

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Abstract (en)

[origin: WO2010148107A2] Novel bismuth based mixed metal oxide materials with pyrochlore structure are disclosed as anodes for electrolytic generation of ozone and perchlorate salts. These materials have high electrical conductivity and excellent stability in acidic electrolytes. These materials are more environmentally friendly than lead dioxide and less expensive than platinum.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010148107A2

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