



WORLD LEADING THERMAL
STORAGE TECHNOLOGY

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Sunamp patents

Sunamp has protected their technology in wide range of global patents based on the following patent applications which currently comprises 69 granted patents and 100 pending applications:

WO 2009/138771	Energy Storage
WO 2011/058383	Energy Storage System
WO 2014/202974	Solutions for Storage Combination Boilers
WO 2014/195691	Improved Phase Change Materials
WO 2014/191778	Battery Assembly
WO 2015/025175	Strontium Bromide Phase Change Material
WO 2017/221025	Phase Change Material – Based Enhancement for Reversed Cycle
WO 2018/220378	Activation Crystallisation Control in Phase Change Thermochemical Systems
WO 2019/171087	Heat Pumps
WO 2020/074883	Calcium Nitrate Tetrahydrates as Phase Change Material
WO 2020/021288	Internally Heated Electrical Heat Battery
WO 2020/065353	Heat Battery Design
WO 2020/161507	Phase Change Materials (PCMs) with Solid to Solid Transitions
WO 2021/245401	Sanitary Stations with Phase Change Materials
WO 2022/185046	Sub-Zero PCMs with Multiple Nucleation Events
GB 2003653.9	Thermal Storage Units
GB2207313.4	Methods to Overcome Melting Point Depression Agent Segregation
GB 2212971.2	Insulation Material
GB 2111449.1	Sub-Zero PCMs with Multiple Nucleation Events
GB2102248.8	Sub-Zero PCMs with Multiple Nucleation Events
GB2106949.7	Tri Methylol Ethane (TME) as PCM



GB 2210942.5	Liquefaction of Phase Change Material Production
GB2209178.9	Compressed Nucleation Agent
GB2205720.2	Epoxy-Nucleation Agent
GB2216795.1	System and Method for PCM Analysis
GB2210298.2	Heat Exchanger Improvements
GB2210300.6	PCM Improvements for Batteries
GB2210301.4	Enclosure Improvements for PCM Batteries
GB2210303.0	Monitoring, Electronics and Manufacturing Improvements for PCM Batteries