

Title (en)  
THERMAL ENERGY STORAGE MATERIAL

Publication  
**EP 0000099 B1 19800723 (EN)**

Application  
**EP 78300030 A 19780609**

Priority  
GB 2427977 A 19770610

Abstract (en)  
[origin: ES470660A1] A thermal energy storage material comprising at least one hydrated inorganic salt having a transition temperature to the anhydrous or a less hydrated form in the range 10 DEG to 100 DEG C. (for example, sodium sulphate decahydrate), the salt being dispersed and suspended in a water-insoluble hydrogel formed from a water-soluble synthetic polymer having pendant carboxylic or sulphonic acid groups cross-linked with cations of a polyvalent metal (for example, aluminium or magnesium).

IPC 1-7  
**C09K 5/06; F24J 3/00**

IPC 8 full level  
**C09K 5/06** (2006.01); **C09K 3/00** (2006.01)

CPC (source: EP US)  
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Cited by  
EP0273779A1; GB2252327A; EP0005362A1; EP0041990B1

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**EP 78300030 A 19780609**; AR 27249778 A 19780608; AT 423478 A 19780609; AU 3689578 A 19780607; BR 7803722 A 19780609; CA 305211 A 19780612; DE 2860041 T 19780609; DK 259778 A 19780609; ES 470660 A 19780609; FI 781830 A 19780608; GB 2427977 A 19770610; GR 780156482 A 19780609; IE 115278 A 19780606; IL 5493278 A 19780616; IN 417DE1978 A 19780606; IT 2438878 A 19780609; JP 7028078 A 19780610; MX 17376578 A 19780609; NO 781971 A 19780606; NZ 18751178 A 19780609; PT 6815578 A 19780608; US 91335178 A 19780607; ZA 783256 A 19780607