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| <b>Technology definition</b>  | Various technologies concerning conversion, storage and utilization of solar radiation (solar radiation) into useful thermal energy  |
| <b>Keywords</b>               | Solar heat collecting, Concentrating solar heat, Solar photovoltaic thermal hybrid, Solar thermal storage, Solar water heating, Solar space heating, Solar space cooling, Solar thermal desalination, Solar process heat, Solar active house, Solar district heating, Concentrating solar power generation, Solar fuel   |
| <b>Related sub-technology</b> | <ol style="list-style-type: none"> <li>1. Mid- and low-temperature small-scale solar heat <ul style="list-style-type: none"> <li>- Thermal collectors, heat storage (high efficiency, chemical storage, etc.), utilization (individual building house warm water, heating and cooling)</li> </ul> </li> <li>2. Mid- and low-temperature large-scale solar heat <ul style="list-style-type: none"> <li>- Heat collecting complex, large-scale thermal storage (seasonal thermal storage), utilization (district heating, process heat)</li> </ul> </li> <li>3. Mid-(Light condensing and high-temperature large-scale solar heat <ul style="list-style-type: none"> <li>- Heat collection, high-temperature heat storage, utilization (power generation, fuel)</li> </ul> </li> </ol> |