



FAIR SHARING OF ACCESS TO SCHEDULING FOR AN EARTH OBSERVATION SYSTEM

Principle of equitable sharing of a limited resource

Technological Advantages

Efficiency of the system

- Improved fairness in the calculated schedule
- Improved return on investment for each participant
- Eliminating leverage effects by those who ignore the principle of sharing

More satisfactory for all

- Takes into account the inconvenience caused by sharing the system with other participants
- Respects the priorities stated by the user and the user's scheduling rights
- Freeing up the rates for exploiting acquisitions



Equitable Sharing

Invention overview

An algorithm for sharing access to scheduling between several partners, especially regarding the principles previously applied, ensuring the fairest possible sharing at all times while the acquisition plan is being drawn up, depending on the order in which participants attempt to insert the shared items.

Commercial Advantages

User satisfaction

- Better treatment of customer requests via transparent management of the order of priorities
- Improved return on investment for each participant
- Greater satisfaction for all participants

Potential applications

Any shared system with a limited and measurable capacity, for satellite observation of the Earth or space, or for any other system in general, based on the incremental calculation of a schedule.

Patented invention, available under license