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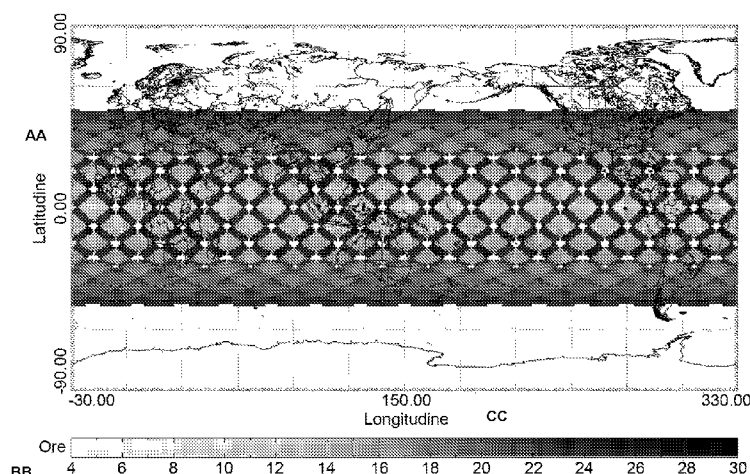


FIG. 3

(57) Abstract: The invention concerns a method for reducing the costs of a satellite remote sensing service. Said method comprises providing a satellite remote sensing system (1) that includes only one satellite (11) equipped with a sensor (111) configured to acquire images of areas of the Earth's surface, said satellite remote sensing system (1) being designed to provide a satellite remote sensing service based on the images acquired by the sensor (111) on board the satellite (11). In particular, the satellite (11) follows a predefined orbit around the Earth with an orbit repeat cycle shorter than three days whereby a satellite remote sensing service with very good time performances and excellent interferometric capabilities and with drastically reduced costs is obtained.