AIRSIDE CONSTRUCTION EQUIPMENT SCHEDULING METHOD BASED ON HIGH-RESOLUTION REMOTE SENSING, BEIDOU AND ELECTRONIC FENCE

ABSTRACT OF THE DISCLOSURE

Provided is a method for scheduling airside construction equipment based on high-resolution remote sensing, Beidou and electronic fence. According to received airspace information for a normal situation and airspace information for an emergency situation, the system background delimitates the electronic fence area in the airside construction area; the system background marks the near runway centerline and far runway centerline points; the normal construction height of the airside construction equipment is calculated; the emergency construction height of the airside construction equipment is calculated; the electronic fence area is superimposed on the high-resolution image base map of an entire airport to determine whether the airside construction equipment is working in the safe activity area and within safe height construction.

FIG.1