

ABSTRACT

A route planning device 100 includes: an acquirer 45 that acquires obstacle information including information on a position of an obstacle; and a generator 46 that
5 generates a target route of a mover 1 from a start point S to a goal G based on the obstacle information such that the target route avoids interference between the mover 1 and the obstacle. The generator 46 searches for candidates of the target route and determines a target route based on route costs from among the candidates. Each of the route costs includes a meandering cost related to a degree of meandering in each of the candidates.

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FIG.6