

ABSTRACT

SUBJECT

It is to provide an escalator controlling apparatus
5 which is able to judge an event and rapidly take an action
to an accident such as tumbling, etc., on the basis of
images taken of an escalator and a region in the vicinity
of the escalator.

MEANS FOR SOLVING

10 In an escalator controlling apparatus for detecting
the abnormal condition of an object getting on, getting off
or approaching an escalator 1 and controlling the escalator,
the escalator controlling apparatus is provided with a
picture taking means 2 for taking pictures of the escalator
15 and a region in the vicinity thereof to obtain pickup data,
a feature extraction means 32 for specifying the object and
extracting feature data of the object, from the pickup
data, a feature time-series storing means 33 for storing
the feature data in time-series, and an event judging means
20 34 for processing the stored feature time-series data
according to the passage of time, comparing a processing
result with a judgment reference and outputting a judgment
result, wherein operation control of the escalator, guide
and notice are effected according to the judgment result.

25 SELECTED FIGURE: FIG. 1

