[ABSTRACT]

BALL LAUNCH ANALYSIS DEVICE AND BALL LAUNCH ANALYSIS METHOD

The placement determination control part 103 determines whether or not a ball was placed in either a left trigger zone that is preset within the left detecting zone in the left capturing zone or a right trigger zone that is preset within the right detecting zone in the right capturing zone by using the left and right cameras. The appearance determination control part 104 determines whether or not an object appeared in a placement detecting zone including a placement trigger zone by using the infrared sensor corresponding to the camera of the placement trigger zone where the ball was placed. The disappearance determination control part 105 determines whether or not the ball disappeared from the placement detecting zone where the object appeared by using the infrared sensor corresponding to the placement detecting zone. The next appearance determination control part 105 determines whether or not the ball appeared in a launch detecting zone by using the infrared sensor corresponding to the launch detecting zone adjacent to the placement detecting zone. The signal transmission control part 106 transmits a trigger signal.

[FIG. 1]