

ABSTRACT OF THE DISCLOSURE

An energy beam irradiation system enables this kind of energy beam irradiation systems to efficiently irradiate works having different sizes with an energy beam while having a reduced size and cost.

The energy beam irradiation system includes first and second work holders, a moving mechanism, first and second work accommodating units and first and second transfer arms. The first and second work holders mount at least one first work and at least one second work having different sizes from each other. The moving mechanism moves forward and backward at least one of the first and second work holders at least between an irradiation area of an energy beam and work receiving areas. The first and second work accommodating units are provided at different positions from each other. The first transfer arm transfers the at least one first work between the first work accommodating unit and the first work holder when the first work holder locates in the work receiving area. The second transfer arm transfers the at least one second work between the second work accommodating unit and the second work holder when the second work holder locates in the work receiving area.

FIG. 1