

Bucket Crane with Conveyor

Abstract

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Problem: To enable the work of unloading coal or the like to performed in a short time.

Resolution Means: A bucket crane 10 includes a base portion 18; a main unit 28 mounted on the base portion 18; an arm 30 connected to the main unit 28 so as
10 to be rotatable in the up/down direction, extending to diagonally upward; a conveyor mechanism 26 extending laterally [horizontally] from the main unit 28; and a wire 32 suspended from the end of the arm 30, connected at its end to a bucket 24; whereby the arm 30 and the conveyor mechanism 26 are able to rotate in the horizontal direction around the same axis so that at all times the
15 direction in which the arm 30 extends matches the direction in which the conveyor 26 extends.

Figure 3