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(54) Title: SYSTEM AND METHOD FOR PROCESSING BARS

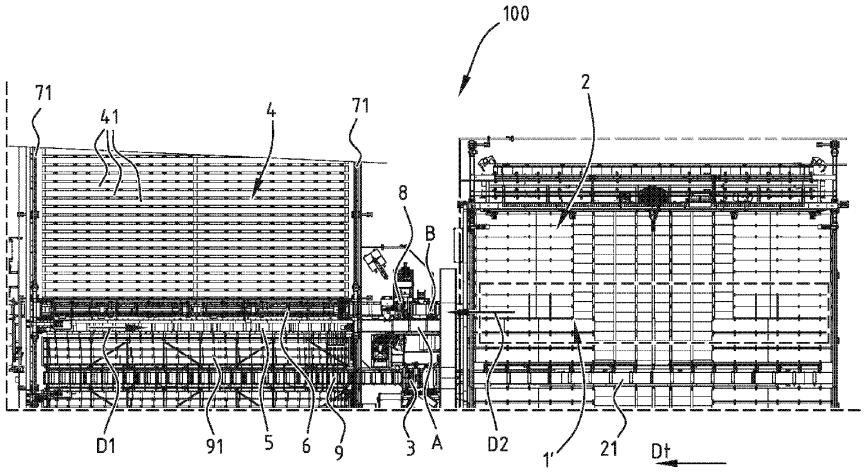


FIG. 1

(57) Abstract: System for processing bars comprising: – an input for receiving a plurality of bars to be processed, wherein the input is arranged to receive said bars extending substantially parallel along a transfer direction; – a cutting station located in the transfer direction with respect to the input and arranged for cutting bars and feeding the cut bars to a receiving surface; – a storage for storing the cut bars, wherein the storage comprises a plurality of bins, each arranged to receive a plurality of bars, wherein the storage is located in a direction perpendicular to the transfer direction with respect to the receiving surface of the cutting unit; – a buffer storage for storing bars; – a first conveyor arranged next to the receiving surface for receiving bars from said receiving surface and arranged to transfer bars to said buffer in a first direction parallel to the transfer direction; – a second conveyor arranged parallel to first conveyor to transfer bars in a direction opposite the first direction; – a transfer unit for transferring the cut bars from the second conveyor to the bins of the storage.

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