

Title (en)
PROCESSING APPARATUS

Title (de)
VERARBEITUNGSVORRICHTUNG

Title (fr)
APPAREIL DE TRAITEMENT

Publication
EP 2213601 A4 20120111 (EN)

Application
EP 08853960 A 20081119

Priority
• JP 2008070994 W 20081119
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Abstract (en)
[origin: EP2213601A1] Processing positional accuracy for processing a work 1 is improved in a processing apparatus 10 that processes a work 1 while intermittently halting the same without affecting the carrying of the work 1 at upstream and downstream processing positions Pn-1, Pn+1. The processing apparatus 10 intermittently halts and processes, at a processing position Pn, a belt-like work 1 that is continuously carried along a predetermined direction. The processing apparatus includes: a processing section 20 that is provided at the processing position Pn and that performs the processing on the work 1 while the work 1 is being halted; an entering-side buffer mechanism 34a that is provided on an upstream side of the processing section 20 in the predetermined direction and that can accumulate the work 1 carried from upstream; an exit-side buffer mechanism 34b that is provided on a downstream side of the processing section 20 in the predetermined direction and that can accumulate the work 1 having been processed and to be carried downstream; and a sending section 31b that is provided between the entering-side buffer mechanism 34a and the processing section 20 and that sends out the work 1 accumulated by the entering-side buffer mechanism 34a to the processing section 20. By restricting the work 1, the sending section 31b halts the work 1 at the processing position Pn, and performs simultaneously decrease of an accumulation amount of work accumulated by the exit-side buffer mechanism 34b and increase of an accumulation amount of work accumulated by the entering-side buffer mechanism 34a in such a manner as the decrease in the accumulation amount of the exit-side buffer mechanism 34b and the increase in the accumulation amount of the entering-side buffer mechanism 34a equal to one another. By canceling the restriction on the work 1, the sending section 31b releases the halt of the work 1, and performs simultaneously increase of the accumulation amount of the exit-side buffer mechanism 34b and decrease of the accumulation amount of the entering-side buffer mechanism 34a in such a manner as the increase in the accumulation amount of the exit-side buffer mechanism 34b and the decrease in the accumulation amount of the entering-side buffer mechanism 34a equal to one another.

IPC 8 full level
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