

Title (en)  
A TRACKING SYSTEM

Publication  
**EP 0213797 A3 19880203 (EN)**

Application  
**EP 86306063 A 19860806**

Priority  
US 76295985 A 19850806

Abstract (en)  
[origin: EP0213797A2] A cavity tracking system (10) employs a tracking station (16) adjacent to areas where containers stack up or change speed and undergo relative motion, a screw infeed (15) being an example, with closely spaced sensors (23) which operate on a first-in first-out memory manner. When a container passes the first sensor the actual encoder (17) "count" obtained at that time is compared with the list of cavity numbers and associated calculated "counts" in the store and the cavity number associated with the actual count is fed to the first memory zone (n). When the container passes the second sensor, the cavity number is erased from the first zone and passed on to the next zone and so on. Upon passing the last sensor, the cavity number is fed to the read-out means and/or further processed. The encoder shaft (28) is provided with a rubber tired wheel (29) which frictionally engages the conveyor belt (11) so as to obtain an accurate count for the movement of the conveyor belt.

IPC 1-7  
**B07C 5/34**; **B65G 47/50**; **B07C 5/36**

IPC 8 full level  
**B07C 5/342** (2006.01); **B07C 5/34** (2006.01); **B07C 5/36** (2006.01); **B65G 43/08** (2006.01)

CPC (source: EP)  
**B07C 5/3408** (2013.01); **B07C 5/3412** (2013.01); **B07C 5/361** (2013.01)

Citation (search report)  
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**EP 0213797 A2 19870311**; **EP 0213797 A3 19880203**; **EP 0213797 B1 19891227**; DE 3667757 D1 19900201; JP S62106880 A 19870518

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