

Title (en)  
APPARATUS FOR SORTING ARTICLES

Publication  
**EP 0354009 A3 19920219 (EN)**

Application  
**EP 89307834 A 19890802**

Priority  
DK 432388 A 19880803

Abstract (en)  
[origin: EP0354009A2] An apparatus for sorting articles supplied in boxes (7) includes a box conveyance system consisting of a main conveyor (1, 2, 8, 20, 21, 24) and at least two sub-conveyors (30a, 30b, 30c, 31a, 31b, 31c) branching off from said main conveyor. The main conveyor is provided with devices (28a, 28b, 28c, 29a, 29b, 29c) for controlled transfer of a box after emptying to a sub-conveyor if there is a need for an empty box. The apparatus further includes an articles conveyance system, e.g. consisting of a conveyor belt (11, 15, 17), said system extending from the first part (8) of the main conveyor and passing across or leading to the sub-conveyors. The articles conveyance system has a weighing section (15, 16) and following this section a sorting section (17) provided with controllable diverting means (18, 19) in the intersecting points of the system and the sub-conveyors, for passing the articles transferred from a box (7a) on to the system (11, 15, 17) into boxes (7b, 7c, 7d) on the sub-conveyors. The apparatus may for instance be used for sorting hides from slaughtered animals according to quality, weight and species. <IMAGE>

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IPC 8 full level  
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CPC (source: EP)  
**B07C 5/18** (2013.01); **B07C 5/36** (2013.01)

Citation (search report)  
• [A] WO 8606304 A1 19861106 - NAMBU ELECTRIC CO LTD [JP]  
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• [A] FR 2376704 A1 19780804 - SANGUINETTE PIERRE [FR]  
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