

SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B07 SEPARATING SOLIDS FROM SOLIDS; SORTING

B07C POSTAL SORTING; SORTING INDIVIDUAL ARTICLES, OR BULK MATERIAL FIT TO BE SORTED PIECE-MEAL, e.g. BY PICKING (specially adapted for a specific purpose covered by another class, see the relevant place, e.g. A43D 33/06, B23Q 7/12)

Note(s)

This subclass covers sorting of materials or articles by hand or by devices actuated, manually or automatically, as a result of inspection or of detection or measurement of some feature of the material or articles.

Subclass index

SORTING CHARACTERISED BY THE METHOD.....5/00, 7/00, 99/00
 SORTING ACCORDING TO DESTINATION.....1/00, 3/00

Postal sorting; Similar sorting of documents, e.g. cheques

- 1/00 Measures preceding sorting of mail or documents according to destination [1, 2006.01]**
- 1/02 • Forming articles into a stream; Arranging articles in a stream, e.g. spacing, orientating [1, 2006.01]
- 1/04 • • Forming a stream from a bulk; Regulating the stream, e.g. spacing the articles [1, 2006.01]
- 1/06 • • Orientating; Aligning [1, 2006.01]
- 1/10 • Sorting according to size or flexibility [1, 2006.01]
- 1/12 • • Separating letters from parcels [1, 2006.01]
- 1/14 • • Sorting according to length or width [1, 2006.01]
- 1/16 • • Sorting according to thickness or stiffness [1, 2006.01]
- 1/18 • Orientating articles other than in a stream [1, 2006.01]
- 1/20 • Sorting according to orientation, e.g. according to position of stamp [1, 2006.01]
- 3/00 Sorting of mail or documents according to destination [1, 2006.01]**
- 3/02 • Apparatus characterised by the means used for distribution [1, 2006.01]
- 3/04 • • Drum-type sorting machines [1, 2006.01]
- 3/06 • • Linear sorting machines in which articles are removed from a stream at selected points [1, 2006.01]
- 3/08 • • using arrangements of conveyors [1, 2006.01]
- 3/10 • Apparatus characterised by the means used for detection of the destination (methods or arrangements for reading and recognising printed or written characters or geometric figures G06K 9/00) [1, 2006.01]
- 3/12 • • using electric or electronic detecting means (B07C 3/14 takes precedence) [1, 2006.01]
- 3/14 • • using light-responsive detecting means [1, 2006.01]
- 3/16 • • using magnetic detecting means [1, 2006.01]

- 3/18 • Devices or arrangements for indicating destination, e.g. by code marks [1, 2006.01]
- 3/20 • Arrangements for facilitating the visual reading of addresses, e.g. display arrangements [1, 2006.01]

- 5/00 Sorting according to a characteristic or feature of the articles or material being sorted, e.g. by control effected by devices which detect or measure such characteristic or feature; Sorting by manually actuated devices, e.g. switches** (sorting by hand only B07C 7/00; separating solids from solids by sieving, screening, or sifting or by using gas currents or other separating by dry methods applicable to bulk material B07B; sorting of coins G07D) [1, 3, 2006.01]
- 5/02 • Measures preceding sorting, e.g. arranging articles in a stream, orientating [1, 2006.01]
- 5/04 • Sorting according to size [1, 2006.01]
- 5/06 • • measured mechanically [1, 2006.01]
- 5/07 • • • by calipering using relatively moving article-engaging means, e.g. clamps [2, 2006.01]
- 5/08 • • measured electrically or electronically (B07C 5/10 takes precedence) [1, 2006.01]
- 5/10 • • measured by light-responsive means [1, 2006.01]
- 5/12 • • characterised by the application to particular articles, not otherwise provided for (sorting eggs A01K 43/00) [1, 2006.01]
- 5/14 • • • Sorting timber or logs [1, 2006.01]
- 5/16 • Sorting according to weight (sorting eggs A01K 43/00; weighing apparatus per se G01G) [1, 2006.01]
- 5/18 • • using a single stationary weighing mechanism [1, 2006.01]
- 5/20 • • • for separating articles of less than a predetermined weight from those of more than that weight [1, 2006.01]
- 5/22 • • using a plurality of stationary weighing mechanisms [1, 2006.01]

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- 5/24 • • using moving weighing mechanisms, e.g. moving along a circular path **[1, 2006.01]**
- 5/26 • • • wherein the counterbalancing effect of the weighing mechanisms is varied during such movement **[1, 2006.01]**
- 5/28 • • using electrical control means **[1, 2006.01]**
- 5/30 • • with associated counting means **[1, 2006.01]**
- 5/32 • • with associated check-weighing means **[1, 2006.01]**
- 5/34 • Sorting according to other particular properties **[1, 2006.01]**
- 5/342 • • according to optical properties, e.g. colour **[1, 2006.01]**
- 5/344 • • according to electric or electromagnetic properties **[1, 2006.01]**
- 5/346 • • according to radioactive properties **[1, 2006.01]**
- 5/36 • Sorting apparatus characterised by the means used for distribution **[1, 2006.01]**
- 5/38 • • Collecting or arranging articles in groups **[1, 2006.01]**
- 7/00 Sorting by hand only [1, 2006.01]**
- 7/02 • Compartmented furniture, e.g. pigeon-holes (storage racks B65G) **[1, 2006.01]**
- 7/04 • Apparatus or accessories for hand picking **[1, 2006.01]**
- 99/00 Subject matter not provided for in other groups of this subclass [2009.01]**