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

1/02 • Forming articles into a stream; Arranging articles in a stream, e.g. spacing, orientating
1/04 • • Forming a stream from a bulk; Regulating the stream, e.g. spacing the articles
1/06 • • Orientating; Aligning
1/10 • Sorting according to size or flexibility
1/12 • • Separating letters from parcels
1/14 • • Sorting according to length or width
1/16 • • Sorting according to thickness or stiffness
1/18 • Orientating articles other than in a stream
1/20 • Sorting according to orientation, e.g. according to position of stamp

3/00 Sorting of mail or documents according to destination

3/02 • Apparatus characterised by the means used for distribution
3/04 • • Drum-type sorting machines
3/06 • • Linear sorting machines in which articles are removed from a stream at selected points
3/08 • • using arrangements of conveyors
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)
3/12 • • using electric or electronic detecting means (B07C 3/14 takes precedence)
3/14 • • using light-responsive detecting means
3/16 • • using magnetic detecting means
3/18 • Devices or arrangements for indicating destination, e.g. by code marks
3/20 • Arrangements for facilitating the visual reading of addresses, e.g. display arrangements

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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) **[3]**

5/02 • Measures preceding sorting, e.g. arranging articles in a stream, orientating
5/04 • Sorting according to size
5/06 • • measured mechanically
5/07 • • • by calipering using relatively moving article-engaging means, e.g. clamps **[2]**
5/08 • • measured electrically or electronically (B07C 5/10 takes precedence)
5/10 • • measured by light-responsive means
5/12 • • characterised by the application to particular articles, not otherwise provided for (sorting eggs A01K 43/00)
5/14 • • • Sorting timber or logs
5/16 • Sorting according to weight (sorting eggs A01K 43/00; weighing apparatus per se G01G)
5/18 • • using a single stationary weighing mechanism
5/20 • • • for separating articles of less than a predetermined weight from those of more than that weight
5/22 • • using a plurality of stationary weighing mechanisms
5/24 • • using moving weighing mechanisms, e.g. moving along a circular path
5/26 • • • wherein the counterbalancing effect of the weighing mechanisms is varied during such movement
5/28 • • using electrical control means
5/30 • • with associated counting means
5/32 • • with associated check-weighing means
5/34 • Sorting according to other particular properties

5/342 • • according to optical properties, e.g. colour
5/344 • • according to electric or electromagnetic properties
5/346 • • according to radioactive properties
5/36 • Sorting apparatus characterised by the means used for distribution
5/38 • • Collecting or arranging articles in groups

7/00 Sorting by hand only
7/02 • Compartmented furniture, e.g. pigeon-holes (storage racks B65G)
7/04 • Apparatus or accessories for hand picking

99/00 Subject matter not provided for in other groups of this subclass [2009.01]