

SECTION G — PHYSICS

G07 CHECKING-DEVICES

G07B TICKET-ISSUING APPARATUS; TAXIMETERS; ARRANGEMENTS OR APPARATUS FOR COLLECTING FARES, TOLLS OR ENTRANCE FEES AT ONE OR MORE CONTROL POINTS; FRANKING APPARATUS

Subclass index

MACHINES FOR PRINTING OR ISSUING TICKETS; DETAILS THEREOF.....	1/00, 3/00, 5/00
OTHER APPARATUS OR SYSTEMS CONCERNING TICKETS	
Holders; punches; validating; cancelling.....	7/00, 9/00, 11/00
TAXIMETERS.....	13/00
ARRANGEMENTS OR APPARATUS FOR COLLECTING FARES, TOLLS OR ENTRANCE FEES AT ONE OR MORE CONTROL POINTS.....	15/00
FRANKING APPARATUS.....	17/00

1/00	Machines for printing and issuing tickets [1, 2006.01]	13/02	• Details; Accessories [1, 2006.01]
1/02	• employing selectable printing plates [1, 2006.01]	13/04	• • for indicating fare or state of hire [1, 2006.01]
1/04	• • wherein the plates are inserted [1, 2006.01]	13/06	• • Driving arrangements [1, 2006.01]
1/06	• without selectable printing plates [1, 2006.01]	13/08	• • Tariff-changing arrangements [1, 2006.01]
1/08	• portable [1, 2006.01]	13/10	• • • automatically actuated [1, 2006.01]
3/00	Machines for issuing preprinted tickets [1, 2006.01]	15/00	Arrangements or apparatus for collecting fares, tolls or entrance fees at one or more control points (handling coins or paper currency G07D; apparatus for vending or hiring articles or services activated by coins, credit cards, paper currency or the like G07F 7/00, G07F 17/00) [1, 2006.01, 2011.01]
3/02	• from stock in wound strip form [1, 2006.01]		
3/04	• from a stack [1, 2006.01]		
5/00	Details of, or auxiliary devices for, ticket-issuing machines (for validating inserted tickets G07B 11/02) [1, 2006.01]		Note(s) [2011.01] Data processing aspects of payment systems or protocols relating to toll, entrance fee or fare collection, e.g. in road pricing or congestion charging, are also classified in G06Q 20/00.
5/02	• for cutting-off or separating tickets [1, 2006.01]		
5/04	• for recording or registering tickets issued [1, 2006.01]		
5/06	• for preventing fraudulent operation [1, 2006.01]		
5/08	• for avoiding incorrect action of the machine [1, 2006.01]	15/02	• taking into account a variable factor such as distance or time, e.g. for passenger transport, parking systems or car rental systems (G07B 15/06 takes precedence; taximeters G07B 13/00; parking meters <u>per se</u> G07F 17/24) [1, 2006.01, 2011.01]
5/10	• • indicating when ticket supply is exhausted [1, 2006.01]	15/04	• • comprising devices to free a barrier, turnstile, or the like (turnstiles with registering means G07C 9/02) [1, 2006.01]
5/12	• allowing manual writing on the tickets [1, 2006.01]	15/06	• Arrangements for road pricing or congestion charging of vehicles or vehicle users, e.g. automatic toll systems [2011.01]
7/00	Holders providing direct manual access to the tickets [1, 2006.01]		Note(s) [2011.01] This group covers the identification or tracking of vehicles or vehicle users for the purpose of road pricing or congestion charging, which means that vehicles or vehicle users are not necessarily channelled through fixed control points, e.g. toll booths or overhead gantries, but may be detected at a number of places when they travel in normal fashion in a pre-defined locality, e.g. a defined area in a city centre or an expressway, and where the information so generated is then used to determine a charge to be paid.
9/00	Ticket punches (punching or perforating pliers B26F 1/36) [1, 2006.01]		
9/02	• Toy ticket-punches [1, 2006.01]		
11/00	Apparatus for validating or cancelling issued tickets [1, 2, 2006.01]		
11/02	• for validating inserted tickets [1, 2006.01]		
11/03	• • by printing [2, 2006.01]		
11/05	• • by perforating [2, 2006.01]		
11/07	• • by separating part of ticket [2, 2006.01]		
11/09	• • • combined with receptacle for separated part of ticket [2, 2006.01]		
11/11	• for cancelling tickets [2, 2006.01]		
13/00	Taximeters [1, 2006.01]		

G07B

- 17/00

Franking apparatus [1, 2006.01]
- 17/02

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with means for computing or counting [1, 2006.01]
- 17/04

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with means for avoiding misuse [1, 2006.01]