Ball guide and method for guiding balls

The invention relates to a ball guide as claimed in the preamble of patent claim 1 and to a method for guiding balls without problems as claimed in patent claim ~~11~~ 8 .

Field of the invention

Methods and apparatuses according to the invention are used, in particular, for automatically drawing balls in order to generate random numbers in games of luck, for example bingo or lotteries.

Background of the invention

Ball drawing devices and ball drawing machines form the background of the invention. Devices and machines of this kind are used to determine winning numbers, for example for bingo and for other lottery games. A known ball drawing device has a drawing drum which is mounted in hollow shaft stubs, can be rotated in two directions about its shafts, preferably consists of a transparent hollow ball and into which a more or less high number of balls, which are provided with numbers, are introduced through the shaft stub, are mixed when the drawing drum is rotated in one direction, and are discharged one after the other with the aid of a discharge apparatus through the other hollow shaft stub when the drawing drum is rotated in the other direction, wherein the discharge apparatus has a helical channel which extends from the inner edge of the drawing drum to the discharge stub and which supplies the respectively first ball from amongst the balls which are accommodated by the channel to the discharge apparatus. In order to discharge the balls to an identification apparatus, the balls are guided by means of a ball guide with a rod.

A further known ball drawing device has a ball guide which has a ball track which is defined by means of rods which extend in the track direction.

A large number of different methods and apparatuses with which random numbers can be drawn is also known in the prior art. Many of these systems have relatively long ball guides which are intended to provide optical encouragement to the player and are intended to motivate said player to play more games. In particular, it is known to supply balls to the