

Title (en)

Article storage device for vending machine

Title (de)

Warenspeichervorrichtung für Verkaufsautomat

Title (fr)

Appareil de stockage d'articles pour distributeur automatique

Publication

EP 1006495 B1 20020821 (EN)

Application

EP 98122714 A 19981130

Priority

EP 98122714 A 19981130

Abstract (en)

[origin: EP1006495A1] There is provided an article storage device for a vending machine (2). The article storage device is characterized by an opening/closing device which has the following characterizing features: Left and right transparent opening/closing plates (18) have respective inner end portions mounted in a central portion of an article rack (10) in parallel with each other in a manner such that each of the opening/closing plates (18) can rotate about a vertical axis between a closed position for closing a dispensing opening of a corresponding one of article passages formed in the article rack (10) and an open position for opening the dispensing opening of the corresponding article passage. Each opening/closing plate (18) has a cut-away portion (22) formed at an inner end side thereof. A spring urges the each opening/closing plate (18) toward the open position. A stopper plate (19) is arranged at a central location of the article rack (10) which is close to a front side of the each opening/closing plate (18) in a manner such that the stopper plate (19) extends vertically and is capable of rotating about a horizontal axis extending in a front-rear direction between a holding position for abutting on the opening/closing plates (18) to thereby hold the each opening/closing plate (18) in the closed position and a release position for selectively releasing one of the opening/closing plates (18). A stopper plate-driving mechanism (21) causes the stopper plate (19) to rotate between the holding position and the release position. <IMAGE>

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