

Title (en)
FEEDING DEVICE FOR LOADING AND UNLOADING A RADially OPENING AMMUNITION CUP FOR AN AUTOMATIC LOADING SYSTEM OF A GUN

Title (de)
ZUFÜHRVORRICHTUNG ZUM BELADEN UND ENTLADEN EINES RADIAL ÖFFNENDEN MUNITIONSBECHERS FÜR EIN AUTOMATISCHES LADESYSYSTEM EINES GESCHÜTZES

Title (fr)
DISPOSITIF D'ALIMENTATION PERMETTANT DE CHARGER ET DE DÉCHARGER UNE COUPELLE DE MUNITIONS À OUVERTURE RADIALE POUR UN SYSTÈME DE CHARGEMENT AUTOMATIQUE D'UN PISTOLET

Publication
EP 4370859 A1 20240522 (DE)

Application
EP 22737906 A 20220705

Priority
• DE 102021117951 A 20210712
• EP 2022068604 W 20220705

Abstract (en)
[origin: WO2023285209A1] The invention relates to a feeding device (1) for loading and unloading a radially opening ammunition cup (2) for an automatic loading system of a gun, the loading/unloading being accomplished through a loading opening (4) located at a rear of the loading system, and the feeding device (1) comprising a slide (7) and a holding device (8), wherein: the slide (7) can be moved from a first position (7.1) at least partly outside the housing (3) into a second position (7.2) at least partly inside the housing (3) and vice versa; the holding device (8) is designed to be loaded with the round of ammunition (6) and unloaded when the first position (7.1) is occupied; when the second position (7.2) is occupied, the holding device (8) is able both to transfer a round of ammunition (6) disposed in the holding device (8) to the ammunition cup (2) and to remove a round of ammunition (6) disposed in the ammunition cup (2) from the ammunition cup (2).

IPC 8 full level
F41A 9/83 (2006.01); **F41A 9/16** (2006.01); **F41A 9/22** (2006.01); **F41A 9/76** (2006.01)

CPC (source: EP KR US)
F41A 9/16 (2013.01 - EP KR US); **F41A 9/22** (2013.01 - EP KR US); **F41A 9/76** (2013.01 - EP KR US); **F41A 9/83** (2013.01 - EP KR US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102021117951 A1 20230112; EP 4370859 A1 20240522; KR 20240041941 A 20240401; US 2024219137 A1 20240704; WO 2023285209 A1 20230119

DOCDB simple family (application)
DE 102021117951 A 20210712; EP 2022068604 W 20220705; EP 22737906 A 20220705; KR 20247004488 A 20220705; US 202217907233 A 20220705