

Title (en)

PACKAGING BODY FOR WIRE COIL AND METHOD FOR LOADING WIRE COIL INTO CONTAINER

Title (de)

VERPACKUNGSKÖRPER FÜR DRAHTSPULE UND VERFAHREN ZUM LADEN EINER DRAHTSPULE IN EINEN BEHÄLTER

Title (fr)

CORPS D'EMBALLAGE POUR BOBINE DE FIL ET PROCÉDÉ DE CHARGEMENT D'UNE BOBINE DE FIL DANS UN CONTENEUR

Publication

EP 4223657 A4 20240103 (EN)

Application

EP 21885611 A 20210708

Priority

- JP 2020178573 A 20201026
- JP 2021025758 W 20210708

Abstract (en)

[origin: EP4223657A1] Provided is a packaging body 1 for a wire coil 6 which holds the wire coil 6 sideways, a plurality of the packaging bodies 1 being to be loaded in a single shipping container 2. The packaging body 1 comprises: a plurality of base beams 15 disposed on a container floor surface 4 and extending in one direction from a door of the shipping container 2 toward its back; a cross beam 33 extending in the width direction of the shipping container 2 and coupling the plurality of base beams 15; and a block-shaped coil holding stand 19 provided on the cross beam 33 and including a recessed section 21 in which to accommodate the wire coil 6 sideways with the axial direction of the cylinder oriented in the width direction of the shipping container 2, the coil holding stand 19 being a stand to which to lash the wire coil 6. The coil holding stand 19 includes a corrugated engagement section 23 on its front surface and back surface as viewed from the door 12 of the shipping container 2 toward its back, the wave direction of the corrugated engagement section 23 being oriented in the width direction of the shipping container 2 in plan view. The corrugated engagement section 23 engages a corrugated engagement section 23 of another packaging body 1. In this way, it is possible to provide a packaging body capable of increasing the number of wire coils loadable in a container as compared to the conventional art without impairing the function of protecting wire coils.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [YA] US 2017166351 A1 20170615 - SUITER RIAN JOSEPH [US], et al
- [YA] US 2017121055 A1 20170504 - SUITER RIAN JOSEPH [US], et al
- [Y] JP 2005514279 A 20050519
- [Y] JP 2020125137 A 20200820 - MITSUI O S K LINES LTD, et al
- [Y] US 6379107 B1 20020430 - IWASAKI NOBUO [JP], et al
- See also references of WO 2022091488A1

Designated contracting state (EPC)

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