

Title (en)

DEVICE AND SYSTEM FOR SEPARATING AND PACKAGING STEEL SLIT COILS

Title (de)

VORRICHTUNG UND SYSTEM ZUM TRENNEN UND VERPACKEN VON SPALTSPULEN AUS STAHL

Title (fr)

DISPOSITIF ET SYSTÈME DE SÉPARATION ET D'EMBALLAGE DE BOBINES REFENDUES EN ACIER

Publication

**EP 3980339 A4 20230823 (EN)**

Application

**EP 20818423 A 20200605**

Priority

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- US 201962858652 P 20190607

Abstract (en)

[origin: WO2020247767A1] A packaging system for separating and packaging steel slit coils (10) includes a coil transport system (13) for separating steel slit coils (12) into packaging groups, an automated packaging system (26) for packaging the groups, a separator device (44) configured for positioning at one end of each packaged group, and a rotator system (30) for stacking the packaged groups on top of each other. The separator device (44) facilitates distinguishing the packaged groups when the packaged groups are stacked on top of each other. The separator device (44) includes an arcuate outer body (46), an arcuate inner body (49) extending within the outer body (46), and a plurality of arms (48) connecting the outer body (46) and the inner body (49), with a groove (60) defined in each arm (48).

IPC 8 full level

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CPC (source: EP)

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**B65B 35/58** (2013.01); **B65B 61/202** (2013.01); **B65B 61/207** (2013.01); **B65B 61/28** (2013.01); **B65G 47/846** (2013.01)

Citation (search report)

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- See also references of WO 2020247767A1

Designated contracting state (EPC)

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