

Title (en)

FOLDING ROLLER CLEANER AND METHOD FOR CLEANING SAME

Title (de)

FALZROLLENREINIGER UND VERFAHREN ZUM REINIGEN EINER SOLCHEN

Title (fr)

NETTOYEUR DE ROULEAU DE PLIAGE ET PROCÉDÉ DE NETTOYAGE D'UN TEL ROULEAU DE SERTISSAGE

Publication

**EP 4074425 A1 20221019 (DE)**

Application

**EP 22154420 A 20220201**

Priority

DE 102021203680 A 20210414

Abstract (en)

[origin: US2022331843A1] A seaming roller cleaner includes a base body, on which a driven roll receptacle and a non-driven roll receptacle are mounted. The roll receptacles are used to receive paper web rolls. The paper web roll includes a cleaning web, and the base body provides a support over which the cleaning web is laid to define a cleaning surface. The cleaning web is drawn by the driven roll receptacle in the direction of the driven roll receptacle. The non-driven roll receptacle is passively rotated and may be slightly braked to prevent rotating too quickly. The support includes a carrier plate and an elastomer. The seaming roller may be arranged at an oblique angle relative to the direction of the cleaning web is drawn, such that the seaming roller is wiped and slowly rotated by the cleaning web.

Abstract (de)

Es wird ein Falzrollenreiniger (5) mit einem Grundkörper (7) vorgeschlagen, an dem ein angetriebener Rollenaufnahme (8A) und ein nicht angetriebener Rollenaufnahme (8B) angebracht sind, die zur Aufnahme von Papiervliesrollen (12A) dienen, wobei die Papiervliesrolle (12A) ein Reinigungsvlies (12) enthalten, und der Grundkörper (7) einen Auflage (7A) bereitstellt, über die das Reinigungsvlies (12) gelegt und in Richtung auf die angetriebene Rollenaufnahme (8A) bewegbar ist.

IPC 8 full level

**B08B 1/00** (2006.01)

CPC (source: EP US)

**B08B 1/143** (2024.01 - EP US); **B08B 1/30** (2024.01 - EP US); **B08B 13/00** (2013.01 - US); **B21D 51/32** (2013.01 - US)

Citation (applicant)

DE 102018101507 A1 20180726 - EBZ SYSTEC GMBH [DE]

Citation (search report)

- [XA] DE 202016104375 U1 20160830 - GRIESBECK THOMAS [DE]
- [A] EP 3050642 A1 20160803 - ERAMAT COMPOSITES PLASTICOS S L [ES]
- [A] JP 2009148776 A 20090709 - FUJI HEAVY IND LTD
- [X] US 2014130826 A1 20140515 - BLAIR WILLIAM L [US], et al
- [XA] EP 0391340 A1 19901010 - KUKA SCHWEISSANLAGEN & ROBOTER [DE]
- [X] EP 0755788 A1 19970129 - KOMORI PRINTING MACH [JP]
- [X] US 5275104 A 19940104 - CORRADO FRANK C [US], et al
- [X] WO 03011599 A1 20030213 - NEUTZNER KARL-OTTO [DE], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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