

Title (en)
DEVICE FOR IMBRICATING SHEETS

Title (de)
VORRICHTUNG ZUM UNTERSCHUPPEN VON BOGEN

Title (fr)
DISPOSITIF PERMETTANT DE FAIRE SE CHEVAUCHER DES FEUILLES

Publication
EP 3448682 A1 20190306 (DE)

Application
EP 17720450 A 20170426

Priority
• DE 102016207397 A 20160429
• EP 2017059890 W 20170426

Abstract (en)
[origin: WO2017186772A1] The invention relates to a device for overlapping sheets (51), comprising at least one blower box (133) and a supply table (134), wherein multiple sheets (51) are guided into a region of the blower box (133) consecutively in the same transport direction (T) and arranged at a distance from one another on the supply table (134), wherein a blow nozzle (136; 137) is arranged in the blower box (133) on the side thereof facing the supply table (134), wherein the blowing direction of the blow nozzle (136; 137) is oriented in parallel to the supply table (134) against the transport direction (T) of the sheets (51), wherein the supply table (134) is arranged below the blower box (133) and multiple blow nozzles (136; 137) are arranged in the blower box (133), one after the other in the transport direction (T) of the sheets (51), on the side thereof facing the supply table (134), wherein a respective blowing direction of the blow nozzles (136; 137) is oriented in parallel to the supply table (134) against the transport direction (T) of the sheets (51).

IPC 8 full level
B41F 21/00 (2006.01); **B65H 5/22** (2006.01); **B65H 5/24** (2006.01); **B65H 7/02** (2006.01); **B65H 9/06** (2006.01); **B65H 11/00** (2006.01); **B65H 29/24** (2006.01); **B65H 29/52** (2006.01); **B65H 29/66** (2006.01)

CPC (source: EP US)
B41F 21/00 (2013.01 - EP US); **B65H 5/22** (2013.01 - US); **B65H 5/228** (2013.01 - US); **B65H 5/24** (2013.01 - EP US); **B65H 11/00** (2013.01 - US); **B65H 11/005** (2013.01 - EP US); **B65H 29/243** (2013.01 - EP US); **B65H 29/52** (2013.01 - EP US); **B65H 29/6636** (2013.01 - EP US); **B65H 5/226** (2013.01 - EP US); **B65H 7/02** (2013.01 - EP US); **B65H 9/06** (2013.01 - EP US); **B65H 2220/01** (2013.01 - US); **B65H 2220/02** (2013.01 - US); **B65H 2220/11** (2013.01 - US); **B65H 2301/4461** (2013.01 - EP US); **B65H 2301/44712** (2013.01 - EP US); **B65H 2301/44735** (2013.01 - EP US); **B65H 2403/51** (2013.01 - EP US); **B65H 2403/53** (2013.01 - EP US); **B65H 2404/1523** (2013.01 - EP US); **B65H 2406/1132** (2013.01 - EP US); **B65H 2406/362** (2013.01 - EP US); **B65H 2406/3661** (2013.01 - EP US); **B65H 2513/52** (2013.01 - EP US); **B65H 2515/20** (2013.01 - EP US); **B65H 2601/21** (2013.01 - EP US); **B65H 2801/15** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US); **B65H 2801/31** (2013.01 - EP US)

Citation (search report)
See references of WO 2017186772A1

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

DOCDB simple family (publication)
WO 2017186772 A1 20171102; CN 109070579 A 20181221; CN 109070579 B 20191015; DE 102016207397 A1 20171102; EP 3448682 A1 20190306; EP 3448682 B1 20200415; US 10486416 B2 20191126; US 2019070846 A1 20190307

DOCDB simple family (application)
EP 2017059890 W 20170426; CN 201780014405 A 20170426; DE 102016207397 A 20160429; EP 17720450 A 20170426; US 201716080316 A 20170426