

Title (en)  
HANDLING SYSTEM OF SHEET-LIKE ELEMENTS

Title (de)  
HANDHABUNGSSYSTEM FÜR BLATTARTIGE ELEMENTE

Title (fr)  
SYSTÈME DE MANIPULATION D'ÉLÉMENTS EN FORME DE FEUILLE

Publication  
**EP 4029815 A1 20220720 (EN)**

Application  
**EP 22151606 A 20220114**

Priority  
IT 202100000755 A 20210118

Abstract (en)  
Described is a handling system (1) of sheet-like elements comprising: a plurality of gripping devices (60) arranged in a matrix fashion on a lying plane (10) each gripping device (60) of said plurality comprising a suction machine (6), designed to apply a negative pressure on a sheet-like element to be handled, said system (1) also comprising a command and control unit configured to command and control said suction machines (6).

IPC 8 full level  
**B65H 5/14** (2006.01); **B65H 3/08** (2006.01); **B65H 3/16** (2006.01); **B65H 3/22** (2006.01); **B65H 5/08** (2006.01)

CPC (source: EP)  
**B65H 3/0808** (2013.01); **B65H 3/0883** (2013.01); **B65H 3/0891** (2013.01); **B65H 3/16** (2013.01); **B65H 3/22** (2013.01); **B65H 5/08** (2013.01); **B65H 5/14** (2013.01); **B65H 2405/571** (2013.01); **B65H 2405/572** (2013.01); **B65H 2405/60** (2013.01); **B65H 2406/343** (2013.01); **B65H 2406/362** (2013.01); **B65H 2406/363** (2013.01); **B65H 2701/174** (2013.01)

Citation (applicant)  
IT 201800009365 A1 20200411 - QUARRATA FORNITURE SRL [IT]

Citation (search report)  
• [A] WO 2009054732 A1 20090430 - NTNU TECHNOLOGY TRANSFER AS [NO], et al  
• [A] US 2018326561 A1 20181115 - LEE KUO-HUNG [TW], et al  
• [A] EP 3587137 A1 20200101 - BUNDESDRUCKEREI GMBH [DE]  
• [A] DE 102014204293 A1 20150910 - BAYERISCHE MOTOREN WERKE AG [DE]  
• [AD] IT 201800009365 A1 20200411 - QUARRATA FORNITURE SRL [IT]

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)  
**EP 4029815 A1 20220720**; **EP 4029815 B1 20230531**; IT 202100000755 A1 20220718

DOCDB simple family (application)  
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