

Title (en)  
MATERIAL-PROVIDING SYSTEM FOR A MANUFACTURING INSTALLATION

Title (de)  
MATERIALBEREITSTELLUNGSSYSTEM FÜR EINE FERTIGUNGSANLAGE

Title (fr)  
SYSTÈME D'ALIMENTATION EN MATÉRIAU DESTINÉ À UNE INSTALLATION DE PRODUCTION

Publication  
**EP 3728089 A1 20201028 (DE)**

Application  
**EP 18826062 A 20181221**

Priority  
• DE 102017131294 A 20171223  
• EP 2018086581 W 20181221

Abstract (en)  
[origin: WO2019122328A1] The invention relates to a material-providing system for a manufacturing installation (2) for providing in particular box-shaped load carriers (3), wherein the material-providing system (1) as such is transportable, in particular by means of a driverless transport system (6). The material-providing system (1) has a rack system (8) having a front side (8a) and a rear side (8b), wherein the rack system (8) forms at least one magazine shaft (9), preferably at least two magazine shafts (9), for storing load carriers (3). The at least one magazine shaft (9) extends, in particular starting from the rear side (8b) of the rack system (8), to the front side (8a) of the rack system (8). According to the invention, on the front side (8a) of the rack system (8), the material-providing system (1) has a motorized transfer system (10) for transferring the load carriers (3) to the manufacturing installation (2), which transfer system is mechanically connected to the rack system (8) and by means of which transfer system the load carriers (3) can be automatedly removed from the at least one magazine shaft (9) and can be automatedly positioned along the front side (8a) of the rack system (8).

IPC 8 full level  
**B65G 65/00** (2006.01); **B65G 1/08** (2006.01)

CPC (source: EP US)  
**B65G 1/08** (2013.01 - EP US); **B65G 65/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2019122328A1

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)  
**DE 102017131294 A1 20190627**; CN 111971243 A 20201120; EP 3728089 A1 20201028; US 2020385208 A1 20201210;  
WO 2019122328 A1 20190627

DOCDB simple family (application)  
**DE 102017131294 A 20171223**; CN 201880090101 A 20181221; EP 18826062 A 20181221; EP 2018086581 W 20181221;  
US 201816955969 A 20181221