

Title (en)
CARDING MACHINE

Title (de)
KARDE

Title (fr)
CARDEUSE

Publication
EP 3959363 A1 20220302 (DE)

Application
EP 20708074 A 20200228

Priority
• DE 102019110691 A 20190425
• EP 2020055280 W 20200228

Abstract (en)
[origin: WO2020216497A1] The present invention relates to a carding machine (100) with a drum (4) and a revolving flat (17) with flat bars (20) running around a portion of the circumference of the drum (4), wherein at least one flat bar (20) is designed to transmit current operational data or an electrical contact to a controller of the carding machine (100), wherein the at least one flat bar (20) is designed to match with at least one contact element (22), wherein the contact element (22) is designed to conduct the electrical contacts or data to the controller of the carding machine (100), wherein the at least one contact element (22) is arranged in the region of a flexible arc (27). The invention is characterized in that the at least one contact element (22) has at least one contact arc (23) which is designed to compensate for a change in distance between the flat bar (20) and the drum (4). The invention further relates to a contact element.

IPC 8 full level
D01G 15/28 (2006.01)

CPC (source: EP)
D01G 15/28 (2013.01)

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 2020216497 A1 20201029; BR 112021016205 A2 20211103; BR 112021016205 A8 20220705; CN 113474499 A 20211001; CN 113474499 B 20230428; DE 102019110691 A1 20201029; EP 3959363 A1 20220302; EP 3959363 B1 20230816

DOCDB simple family (application)
EP 2020055280 W 20200228; BR 112021016205 A 20200228; CN 202080016338 A 20200228; DE 102019110691 A 20190425; EP 20708074 A 20200228