

Title (en)
ACCESSORY DEVICE TO FACILITATE THE FEEDING OF SHEETS OF MATERIAL TO BE CUT IN CNC MACHINES

Title (de)
ZUSATZVORRICHTUNG ZUR ERLEICHTERUNG DER ZUFUHR VON IN CNC-MASCHINEN ZU SCHNEIDENDEN MATERIALBÖGEN

Title (fr)
DISPOSITIF ACCESSOIRE POUR FACILITER L'ALIMENTATION DE FEUILLES DE MATÉRIAU À DÉCOUPER DANS DES MACHINES CNC

Publication
EP 3699303 A1 20200826 (EN)

Application
EP 19158068 A 20190219

Priority
EP 19158068 A 20190219

Abstract (en)
The present invention relates to an accessory device (9) for a numerical control machine (1) and for facilitating the feeding of sheets (2) of material to be subjected to cutting towards a conveyor belt (6) of the machine (1). Advantageously, the device (9) comprises a support plane (14) equipped with at least one crosspiece holding element (15) for holding at least one sheet (2) or a multilayer of said sheets (2), said plane (14) being actuated by motorized means mutually approaching and/or moving away with respect to the conveyor belt.

IPC 8 full level
C14B 5/00 (2006.01); **B26D 5/00** (2006.01); **B26D 5/20** (2006.01); **B26D 5/22** (2006.01); **B65H 5/00** (2006.01); **B65H 5/04** (2006.01); **B65H 20/18** (2006.01); **C14B 17/06** (2006.01); **D06H 7/00** (2006.01)

CPC (source: EP)
B26D 7/025 (2013.01); **B26D 7/0625** (2013.01); **B65H 5/04** (2013.01); **C14B 5/00** (2013.01); **C14B 17/06** (2013.01); **D06H 7/00** (2013.01); **B26F 1/3813** (2013.01)

Citation (applicant)
EP 2022741 A2 20090211 - ATOM SPA [IT]

Citation (search report)

- [XY] US 6624381 B1 20030923 - HAFFNER SERGE LUC [FR]
- [Y] CN 107313237 A 20171103 - GUANGDONG ESQUEL TEXTILES CO, et al
- [Y] WO 2012160178 A1 20121129 - FELTRE SRL [IT], et al
- [X] SU 1377233 A1 19880228 - UK NII SHVEJNOJ PROMY [SU], et al
- [A] US 2007107572 A1 20070517 - POMMIER FRANCOIS [FR]

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 3699122 A1 20200826; BR 112021016213 A2 20211103; BR 112021016217 A2 20211103; CN 113661139 A 20211116; CN 113692450 A 20211123; CN 113692450 B 20230217; EP 3699303 A1 20200826; EP 3927638 A1 20211229; EP 3927638 B1 20240207; EP 3927638 C0 20240207; EP 3927854 A1 20211229; EP 3927854 B1 20240207; EP 3927854 C0 20240207; WO 2020169458 A1 20200827; WO 2020169517 A1 20200827

DOCDB simple family (application)
EP 19184940 A 20190708; BR 112021016213 A 20200214; BR 112021016217 A 20200217; CN 202080015574 A 20200217; CN 202080016008 A 20200214; EP 19158068 A 20190219; EP 2020053843 W 20200214; EP 2020054067 W 20200217; EP 20704537 A 20200214; EP 20704886 A 20200217