

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 3927854 B1 20240207 (EN)**

Application

**EP 20704537 A 20200214**

Priority

- EP 19158068 A 20190219
- EP 2020053843 W 20200214

Abstract (en)

[origin: EP3699122A1] The invention relates to an accessory device (9) for simplifying the feeding of sheets of material to be cut in numerical control machines, comprising:- a loading plane (14) associated with a front portion of the machine to receive the free end of said sheets;- an interposition plate (8) supported parallel to the plane (14) and partially projecting towards the machine;- means for adjusting the projection of the plate (8) with respect to the plane (14).In said accessory device (9) the plate (8) is slidably supported below said plane (14) on opposite guides (42, 44) to be foldaway retracted before the sheets are retained by suitable clamping means in the first feeding step of the sheets to be cut.

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)

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

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