

Title (en)

CUTTING MACHINE EQUIPPED WITH NEW SAFETY MEASURES

Title (de)

SCHNEIDMASCHINE MIT NEUEN SICHERHEITSMASSENNAHMEN

Title (fr)

MACHINE DE COUPE ÉQUIPÉE DE NOUVELLES MESURES DE SÉCURITÉ

Publication

EP 4106964 A1 20221228 (EN)

Application

EP 20716914 A 20200218

Priority

IB 2020051337 W 20200218

Abstract (en)

[origin: WO2021165719A1] A machine (1) for cutting sheet material is herein described, the machine comprising a worktable (2) adapted to provide a support plane for a sheet of material to be cut, at least one cutting unit (3) adapted to cut the sheet arranged on the worktable (2), at least one arm (4) that is arranged at least partially above the worktable (2) and is adapted to support the cutting unit (3), support means (9) of the arm (4), which is supported so as to be movable along a sliding direction (X), and at least one protective screen (18) supported by a support structure, said protective screen (18) being adapted to translate in the sliding direction (X) due to the movement of the arm (4). Suitably, the protective screen (18) is hinged to the support structure at a hinging point (P) so as to be tilting with respect to the support structure, the protective screen (18) being adapted to perform an at least partial rotation with respect to the hinging point (P) when it hits an obstacle along said sliding direction (X).

IPC 8 full level

B26D 7/22 (2006.01); **B26F 1/38** (2006.01)

CPC (source: EP)

B26D 7/22 (2013.01); **B26F 1/3813** (2013.01)

Citation (search report)

See references of WO 2021165719A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021165719 A1 20210826; BR 112022016334 A2 20221004; CN 115175794 A 20221011; EP 4106964 A1 20221228

DOCDB simple family (application)

IB 2020051337 W 20200218; BR 112022016334 A 20200218; CN 202080097248 A 20200218; EP 20716914 A 20200218