

Title (en)
CUTTING MACHINE WITH FORCED PRESSING/CUTTING PROCESS

Title (de)
SCHNEIDEMASCHINE MIT ZWANGSGESTEUERTEM PRESS/SCHNEIDEVORGANG

Title (fr)
MACHINE À COUPER COMPRENANT LE PROCESSUS DE PRESSAGE/DÉCOUPE À COMMANDE FORCÉE

Publication
EP 4059675 B1 20230621 (DE)

Application
EP 21163028 A 20210317

Priority
EP 21163028 A 20210317

Abstract (en)
[origin: CA3148049A1] In a cutting machine (1) comprising a cutting support (2) for material to be cut, a vertically movable blade bar (3) which bears a blade (4) for cutting the cut material located thereon, a cutting drive for vertically moving the blade bar (3), a vertically movable clamping bar (5) for pushing down the material to be cut and a pressing drive for vertically moving the clamping bar (5), according to the invention, the cutting drive and the pressing drive are formed by a single drive (6) which rotates a cam disc (7) to and fro, wherein the blade bar (3) is motion-coupled to the cam disc (7) via a first coupling mechanism (A) which acts on the cam disc (7) eccentrically to the axis of rotation thereof, and wherein the clamping bar (5) is motion-coupled to the cam disc (7) via a second coupling mechanism (B), the one end (9a) thereof acting on the outer contour (10) of the cam disc (7).

IPC 8 full level
B26D 1/08 (2006.01); **B26D 5/16** (2006.01); **B26D 7/04** (2006.01)

CPC (source: EP US)
B26D 1/08 (2013.01 - EP); **B26D 5/16** (2013.01 - EP); **B26D 7/025** (2013.01 - US); **B26D 7/04** (2013.01 - EP); **B26D 7/025** (2013.01 - EP)

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 4059675 A1 20220921; **EP 4059675 B1 20230621**; **EP 4059675 C0 20230621**; CA 3148049 A1 20220503; CA 3148049 C 20221122; US 11491676 B2 20221108; US 2022297332 A1 20220922

DOCDB simple family (application)
EP 21163028 A 20210317; CA 3148049 A 20220204; US 202217654590 A 20220312