

Title (en)
CRIMPING INSTALLATION AND HEAD FOR ASSEMBLING PROFILES

Title (de)
CRIMPANLAGE UND KOPF ZUM ZUSAMMENFÜGEN VON PROFILEN

Title (fr)
TÊTE ET INSTALLATION DE SERTISSAGE POUR L'ASSEMBLAGE DE PROFILÉS

Publication
EP 4288227 A1 20231213 (FR)

Application
EP 22705431 A 20220121

Priority
• FR 2101145 A 20210205
• FR 2022050115 W 20220121

Abstract (en)
[origin: WO2022167741A1] A crimping head (1) comprising two jaws (2) with at least one tool-carrying part (3) and one drive device (4) for causing said jaws (2) to pivot, each jaw (2) being in the form of an arm (5) that pivots about a pivot axis (XX'), the pivot axes (XX') being parallel, each arm (5) having a first arm section (6) equipped with the tool-carrying part (3) of the jaw (2) and a second arm section (7). The drive device (4) comprises, arranged between the second arm sections (7), a cam (8) that is in rolling or sliding contact with the second section (7) of each of the arms and a drive actuator (9) for causing the cam (8) to move. Said jaws (2) are mounted so that, when the cam (8) is caused to move by the actuator (9) in a first direction (D1), they are capable of pivoting in a direction such that the tool-carrying parts (3) are brought closer together, the distance (D) between the zone in which the cam (8) comes into contact with the second section (7) of an arm (5) and the pivot axis (XX') of said arm (5) diminishing as the cam (8) is caused to move in said first direction (D1).

IPC 8 full level
B21D 39/03 (2006.01); **B21D 53/74** (2006.01)

CPC (source: EP)
B21D 39/035 (2013.01); **B21D 53/745** (2013.01)

Citation (search report)
See references of WO 2022167741A1

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 2022167741 A1 20220811; CA 3204190 A1 20220811; EP 4288227 A1 20231213; FR 3119559 A1 20220812; FR 3119559 B1 20221230

DOCDB simple family (application)
FR 2022050115 W 20220121; CA 3204190 A 20220121; EP 22705431 A 20220121; FR 2101145 A 20210205