

Title (en)
FINISHING STATION OF A MACHINE FOR PRODUCING SQUARE PIPES

Title (de)
ENDBEARBEITUNGSSTATION EINER MASCHINE ZUR HERSTELLUNG QUADRATISCHER RÖHREN

Title (fr)
STATION DE FINITION D'UNE MACHINE DE PRODUCTION DE TUYAUX CARRÉS

Publication
EP 3184184 B1 20190130 (EN)

Application
EP 16205511 A 20161220

Priority
IT UB20159476 A 20151223

Abstract (en)
[origin: EP3184184A1] Finishing station (10) of a machine for continuously producing square pipes, apt to reduce the aperture of a square pipe (100) being formed, coming out from a forming section, comprising a lower cylindrical roller (1) with horizontal axis which acts as support for the lower side (101) of the square pipe being formed; two lateral conical rollers (2, 3) with vertical axes, placed at the respective sides (102, 103) of the square pipe being formed, with the conical shells in contact with these sides, and two upper conical or cylindrical rollers (4, 5) placed above the square pipe being formed, with the axes parallel to respective portions (104, 105) of the upper open side of the square pipe being formed, all five rollers (1, 2, 3, 4, 5) being placed in the same transverse section of the production line, each roller being movable in a direction parallel to the section of a surface of revolution of an adjacent roller in order to adapt to the dimensions of the pipe to be produced.

IPC 8 full level
B21D 5/08 (2006.01); **B21D 5/12** (2006.01)

CPC (source: EP)
B21D 5/086 (2013.01); **B21D 5/12** (2013.01)

Cited by
CN114433771A; CN112808787A; CN110355611A

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