

Title (en)
Roller profiling machine

Title (de)
Walzenprofilierungsmaschine

Title (fr)
Machine de profilage à rouleaux

Publication
EP 2191906 A1 20100602 (EN)

Application
EP 08380327 A 20081128

Priority
EP 08380327 A 20081128

Abstract (en)
Roller profiling machine that comprises several forming stations which progressively shape a given material until obtaining a pre-designed profile with a section variable along the length of said profile, wherein, each forming station is placed over a head (2) that comprises at least: - first means arranged for a translation movement, horizontal and perpendicular to the direction in which the profile is advanced; and - second means arranged for a rotation movement; wherein, said head (2) is also inclined in a certain angle (\pm) with respect to the horizontal; being said angle configured to avoid a collision between the forming material and the rollers, wherein the machine also comprises at least one horizontal wheel (13) installed in a side structure facing the forming stations (2) configured to support the forming material that protrudes from the roller line and to record the movement and circulation speed of the forming material, being said movement synchronized and transmitted to its own gauging media, and wherein the information from the gauging media and from the first and second movement means is received by control media set to calculate the position of each head (2) during the whole profiling process and to command the positions for each one of said means.

IPC 8 full level
B21D 5/08 (2006.01)

CPC (source: EP KR US)
B21D 5/08 (2013.01 - KR); **B21D 5/083** (2013.01 - EP US)

Citation (search report)
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• [A] DE 102004040257 A1 20051215 - DAIMLER CHRYSLER AG [DE]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

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