

Title (en)
MACHINE FOR FORMING ALUMINIUM WEBS

Title (de)
VORRICHTUNG ZUR HERSTELLUNG VON ALUMINIUM-STEGBLECHEN

Title (fr)
DISPOSITIF POUR LA FABRICATION DES AMES EN ALUMINIUM

Publication
EP 3326736 B1 20220504 (EN)

Application
EP 17203855 A 20171127

Priority
IT 201600120426 A 20161128

Abstract (en)
[origin: EP3326736A1] Described is a machine for making webs (1) made of aluminium, comprising: a unit (2) for feeding aluminium in the liquid state along a feed line (A) having a feed direction (V); an injector (3) of the aluminium in the liquid state, positioned downstream of the feed unit (2) relative to the feed direction (V) having an inlet opening (4) to receive the aluminium in the liquid state from the feed unit (2) and an outlet opening (5) for feeding a calculated quantity of aluminium in the liquid state towards a solidification zone; an upper roller (6) and a lower roller (7) with parallel axes (X6, X7), rotating relative to each other according to opposite directions (V6, V7), spaced from each other to form an opening or channel (8) having a first dimension (L8) and defining the solidification zone; the upper roller (6) and the lower roller (7) are configured for receiving aluminium in the liquid state from the outlet opening (5) of the injector (3) and forming, at the outlet, a continuous, solid web (1) of aluminium, having at least a thickness (S1) equivalent to the first dimension (L8) and at least an upper surface (1a) and a lower surface (1b); one between the upper roller (6) and the lower roller (7) has at least one recess (9, 10, 11) made on the relative surface (6a, 7a) of contact with the aluminium, in such a way as to form on the corresponding upper surface (1a) or lower surface (1b) of the web (1) being formed a corresponding zone (12, 13, 14), at least repeated cyclically, having a thickness (S12, S13, S14) greater than the thickness (S1) of the remaining web (1) being formed.

IPC 8 full level
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