

Title (en)

Plates to provide a hydrodynamic seal and hydrostatic support for plants performing the pickling and/or chemical treatment and/or cleaning of metallic strip.

Title (de)

Hydrodynamische Dichtungs- und hydrostatische Trägerplatte für Beiz- und/oder chemischen Behandlungs- und/oder Reinigungsanlagen von metallischen Bandern.

Title (fr)

Plaques possédant un scellement hydrodynamique et un support hydrostatique pour installation de découpage et/ou de traitement chimique et/ou nettoyage de bandes métalliques.

Publication

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Application

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Priority

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Abstract (en)

Plates to provide a hydrodynamic seal and hydrostatic support for plants performing the pickling and/or chemical treatment and/or cleaning of metallic strip, the plates cooperating at least with the inlet and outlet of the dip tanks (11) in which the metallic strip (12) is fed straight without diversions within the dip tank (11), the plates comprising a first lower sealing plate (15a) and a second upper sealing plate (15b), the first (15a) and second (15b) plates being distanced from each other vertically to define a feed gap (16) for the feed of the metallic strip (12), a plurality of holes (17) for injection of the chemical solution under pressure being contained in the two opposed surfaces (18) of the first plate (15a) and second plate (15b), these injection holes (17) being oriented towards the inside of the tank (11), at least one of the plates (15a-15b) being moved vertically so as to alter as desired the height of the feed gap (16). <IMAGE>

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