

Title (en)
Flux compositions for steel galvanization

Title (de)
Flussmittelzusammensetzungen zur Stahlverzinkung

Title (fr)
Compositions de flux pour galvanisation d'acier

Publication
EP 2725115 B1 20161228 (EN)

Application
EP 13189716 A 20131022

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Abstract (en)
[origin: EP2725115A1] This invention relates to a flux composition for treating a metal surface, comprising (a) more than 40 and less than 70 wt.% zinc chloride, (b) 10 to 30 wt.% ammonium chloride, (c) more than 6 and less than 30 wt.% of a set of at least two alkali metal chlorides including sodium chloride and potassium chloride, (d) from 0 to 2 wt.% lead chloride, and (e) from 0 to 15 wt.% tin chloride, provided that the KCl/NaCl weight ratio of said set of at least two alkali metal chlorides ranges from 2.0 to 8.0. This invention also relates to a fluxing bath comprising this flux composition dissolved in water for use in galvanizing processes, by batch or continuously, of metal articles such as iron or steel long products and flat products including wires, plates, coils, rods, reinforcing bars, tubes, strips and sheets.

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C23C 2/06 (2013.01 - EP GB US); **C23C 2/30** (2013.01 - GB KR); **Y10T 428/12799** (2015.01 - EP US)

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