

Title (en)

APPARATUS AND METHOD FOR REDUCING CONSUMPTION OF ALCOHOL USED IN CLEANING OXIDIZED HOT METAL SURFACES

Title (de)

GERÄT UND VERFAHREN ZUR EINSCHRÄNKUNG DES ALKOHOLVERBRAUCHS BEIM REINIGEN VON OXIDIERTEN HEISSEN METALLOBERFLÄCHEN

Title (fr)

APPAREIL ET PROCEDE DE REDUCTION DE L'ALCOOL UTILISE DANS LE DECAPAGE DE SURFACES METALLIQUES CHAUDES OXYDEES

Publication

**EP 0914217 B1 20031022 (EN)**

Application

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Priority

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Abstract (en)

[origin: WO9842456A1] An apparatus and method for reducing consumption of a cleaning solution used in cleaning oxidized hot metal surfaces of continuously cast and rolled metal rod are disclosed. A blast of air is applied to the metal surface with an airwipe device (36) so as to remove droplets of the solution used in cleaning the oxidized metal surface, the removed droplets are collected in an enclosure or box (18), and are received and recovered in a storage tank (20). A liquid trap (19) is provided in a drain connecting the box (18) to the storage tank (20) so as to prevent exhaustion of air into the storage tank (20) and carrying away of volatile components of the cleaning solution.

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