

Title (en)

Installation for chemical dip treatment of metal pieces

Title (de)

Einrichtung für die chemische Tauchbehandlung von Metallstücken

Title (fr)

Installation de traitement chimique au trempé de pièces métalliques

Publication

**EP 1205578 B1 20100818 (FR)**

Application

**EP 01402867 A 20011108**

Priority

FR 0015038 A 20001108

Abstract (en)

[origin: EP1205578A1] An installation for the chemical treatment of metal components by immersion in a tank (9, 11) containing a chemical treatment bath, the components being submitted to a prior preparation treatment and a finishing treatment in other tanks, consists of the different treatment tanks being arranged in two parallel lines separated by an alley (3) allowing access to the tanks. A first line (1) incorporates a charging/discharging device (4) at one of its ends along with the preparation tanks (5 - 8, 10) whilst a second line (2) incorporates two chemical treatment tanks (9, 11), functioning alternately, and some finishing tanks (14 - 18). A longitudinal transfer manipulator is provided for each line and a transverse transfer device is provided to connect the two lines.

IPC 8 full level

**C23C 22/00** (2006.01)

CPC (source: EP)

**C23C 22/00** (2013.01)

Cited by

CN109898075A; CN115044893A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1205578 A1 20020515; EP 1205578 B1 20100818**; AT E478170 T1 20100915; DE 60142823 D1 20100930; FR 2816326 A1 20020510; FR 2816326 B1 20030418

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