

Title (en)
FRAME WITH ROTATING BASKETS FOR GALVANIZATION

Title (de)
RAHMEN MIT ROTIERENDEN KÖRBEN ZUR GALVANISIERUNG

Title (fr)
CADRE AVEC PANIERS ROTATIFS POUR GALVANISATION

Publication
EP 3697945 A1 20200826 (EN)

Application
EP 18793477 A 20181011

Priority
• IT 201700117705 A 20171018
• IB 2018057877 W 20181011

Abstract (en)
[origin: WO2019077446A1] Frame with rotating baskets for galvanic treatments, provided with plates (13-13'), each of which irreversibly fixed between two uprights (11), fixed and connected by means of gears (14-14') provided with a central metal plate (15) with a pair of protruding pins (16-16') adapted to be engaged with a corresponding pair of coupling holes (26-26') placed on a side cap (22-22') of a basket (20); said basket (20) having cylindrical shape and being adapted to contain said predetermined amount of metal objects to be galvanized, constituted by a side cylindrical surface (21) of metal mesh and by a pair of side caps (22 -22") placed at the bases of said cylinder; said gears (14- 14') rotating in a synchronized manner in order to cause the controlled rotation of said basket (20) and allow a perfect and uniform zinc-coating treatment over all the surfaces of all the contained objects; said basket (20) being provided with at least one of said side caps (22-22") reversibly openable in order to allow, once the galvanic process has ended and said basket (20) is disconnected from the relative gears (14- 14'), gently unloading said now-galvanized metal objects, by means of a simple lateral tilt of said basket (20), making said objects slide outward.

IPC 8 full level
C25D 17/20 (2006.01)

CPC (source: EP)
C25D 17/20 (2013.01)

Citation (search report)
See references of WO 2019077446A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019077446 A1 20190425; EP 3697945 A1 20200826; IT 201700117705 A1 20190418

DOCDB simple family (application)
IB 2018057877 W 20181011; EP 18793477 A 20181011; IT 201700117705 A 20171018