

Title (en)

Repair device for straightening collars of metal vessels

Title (de)

Vorrichtung zum Ausbeulen von Kragen an Metallfässern

Title (fr)

Dispositif pour débosseler les collerettes de tonneaux métalliques

Publication

**EP 0997205 A3 20020130 (DE)**

Application

**EP 99120604 A 19991018**

Priority

DE 19847930 A 19981019

Abstract (en)

[origin: EP0997205A2] The device produces collars on metal drums (10). It has a planisher with a pressing roll (40), at least two support rolls (38,39) and a holding device (21) to hold the drum for planishing. It also has a conveyor (20), by which the metal drums are transferred to the holding device. There may also be a turning device (19) for the drums.

IPC 1-7

**B21D 1/08**

IPC 8 full level

**B21D 1/08** (2006.01)

CPC (source: EP)

**B21D 1/08** (2013.01)

Citation (search report)

- [Y] EP 0119141 A1 19840919 - MAXEL JACQUES SARL [FR]
- [Y] US 3941255 A 19760302 - WOLF SIEGFRIED G
- [DA] EP 0377219 A1 19900711 - DTM DRUCKLUFTECHNIK MASCHINEN [DE]
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CN112705591A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0997205 A2 20000503; EP 0997205 A3 20020130; EP 0997205 B1 20040901**; AT E275008 T1 20040915; DE 19847930 A1 20000420; DE 59910384 D1 20041007; ES 2227948 T3 20050401

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**EP 99120604 A 19991018**; AT 99120604 T 19991018; DE 19847930 A 19981019; DE 59910384 T 19991018; ES 99120604 T 19991018