

Title (en)

METHOD AND APPARATUS FOR STRAIGHTENING SOLDERED OR WELDED BICYCLE FRAMES

Publication

EP 0062158 B1 19850529 (DE)

Application

EP 82101603 A 19820302

Priority

- DE 3113654 A 19810404
- DE 3119699 A 19810518

Abstract (en)

[origin: EP0062158A2] 1. Method of aligning soldered and/or welded bicycle frames by firmly clamping the bottom bracket bearings (the pivot axis) of the frame and adjustably clamping the seat tube in an aligning apparatus and by aligning it into the reference plane which runs perpendicularly to the axis of the bottom bracket bearing and bisects it, characterised in that the angle between the axis of the bottom bracket bearing (the pivot axis) and the axis of the seat tube is measured, the seat tube is mechanically pre-aligned beyond the apparent limit of elasticity in both angular directions, the angle is measured again and the seat tube is mechanically aligned into the reference plane as a function of this angle.

IPC 1-7

B21D 53/86; **B21D 1/14**

IPC 8 full level

B21D 1/14 (2006.01); **B21D 53/86** (2006.01)

CPC (source: EP)

B21D 1/14 (2013.01); **B21D 53/86** (2013.01)

Cited by

CN105665562A; CN103464535A; CN109572902A; FR2590361A1

Designated contracting state (EPC)

AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0062158 A2 19821013; **EP 0062158 A3 19830629**; **EP 0062158 B1 19850529**; DE 3119699 A1 19821014; DE 3119699 C2 19840426

DOCDB simple family (application)

EP 82101603 A 19820302; DE 3119699 A 19810518