

Title (en)
BENDING DEVICE

Title (de)
BIEGEVORRICHTUNG

Title (fr)
DISPOSITIF DE CINTRAGE

Publication
EP 3771503 A1 20210203 (FR)

Application
EP 20187723 A 20200724

Priority
FR 1908654 A 20190730

Abstract (en)
[origin: US2021031255A1] Disclosed is a tube bending device which includes at least one bending roller mounted to be rotatably movable relative to a frame and at least one crease erasing member. This device is specific in that it includes a plate designed with: reception surfaces to receive, support and position the crease erasing member which is attached thereto, a unit for fixing to the frame, and guide surfaces pivotably connected for the roller.

Abstract (fr)
[L'invention concerne un dispositif de cintrage de tubes (D) qui comprend au moins un galet de cintrage (200) monté mobile en rotation par rapport à un bâti (B) et au moins un efface-plis (500). Ce dispositif est remarquable en ce qu'il comprend une platine (300) aménagée:- de surfaces d'accueil pour accueillir, supporter et positionner ledit efface-plis (500) qui vient s'y fixer,- d'un moyen de fixation audit bâti (B),- de surfaces de guidage selon une liaison pivot pour ledit galet (200).

IPC 8 full level
B21D 7/024 (2006.01)

CPC (source: EP US)
B21D 7/024 (2013.01 - EP); **B21D 7/04** (2013.01 - US); **B21D 7/085** (2013.01 - US); **B21D 7/16** (2013.01 - US)

Citation (applicant)
US 7360385 B1 20080422 - WOHLNHAUS DOUGLAS T [US], et al

Citation (search report)
• [IY] US 7360385 B1 20080422 - WOHLNHAUS DOUGLAS T [US], et al
• [Y] EP 1700647 A1 20060913 - WAFIOS AG [DE]
• [A] US 2008110223 A1 20080515 - ZUBER ARMIN [DE]

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)
EP 3771503 A1 20210203; **EP 3771503 B1 20230920**; **EP 3771503 C0 20230920**; ES 2966860 T3 20240424; FR 3099394 A1 20210205; FR 3099394 B1 20210709; US 11565298 B2 20230131; US 2021031255 A1 20210204

DOCDB simple family (application)
EP 20187723 A 20200724; ES 20187723 T 20200724; FR 1908654 A 20190730; US 202016941859 A 20200729