

Title (en)
DEVICE FOR WELDING A FILM WEB

Title (de)
VORRICHTUNG ZUM VERSCHWEISSEN EINER FOLIENBAHN

Title (fr)
DISPOSITIF DE SOUDAGE D'UNE PELLICULE EN BANDE

Publication
EP 2024167 A2 20090218 (DE)

Application
EP 07723679 A 20070328

Priority
• EP 2007002733 W 20070328
• DE 102006022192 A 20060512

Abstract (en)
[origin: WO2007131573A2] The invention relates to a device (1) comprising two welding jaws (2, 3) that can be displaced towards one another in order to weld a formed film web (4) or tubular film (5). In said device, each welding jaw (2, 3) is connected to a separate jaw support (7, 8), preferably by means of a jaw holder (6). A drive (9) comprising two linear motors (10, 11) is connected to the jaw supports (7, 8) by means of a mechanism in order to generate an opposing jaw displacement. To achieve a compact construction for the drive (9), the secondary parts (13, 15) of the linear motors (10, 11) are interconnected by means of a magnetic shielding (19) and thus form a unit (20).

IPC 8 full level
B29C 65/18 (2006.01); **B65B 51/30** (2006.01); **H02K 41/02** (2006.01)

CPC (source: EP US)
B29C 65/18 (2013.01 - EP US); **B29C 65/745** (2013.01 - EP US); **B29C 66/1122** (2013.01 - EP); **B29C 66/4312** (2013.01 - EP US); **B29C 66/80** (2013.01 - US); **B29C 66/82** (2013.01 - EP US); **B29C 66/8244** (2013.01 - EP US); **B29C 66/8322** (2013.01 - US); **B29C 66/83221** (2013.01 - EP); **B29C 66/83543** (2013.01 - EP); **B29C 66/849** (2013.01 - EP); **B65B 51/303** (2013.01 - EP US); **B29C 65/02** (2013.01 - US); **B29C 66/1122** (2013.01 - US); **B29C 66/849** (2013.01 - US); **B29C 66/8511** (2013.01 - US); **B29C 2793/0045** (2013.01 - EP US); **B29K 2995/0007** (2013.01 - EP US); **B29L 2023/001** (2013.01 - EP US); **Y10T 156/17** (2015.01 - EP US)

Citation (search report)
See references of WO 2007131573A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006022192 A1 20071115; **DE 102006022192 B4 20090827**; EP 2024167 A2 20090218; US 2009301661 A1 20091210; WO 2007131573 A2 20071122; WO 2007131573 A3 20090416

DOCDB simple family (application)
DE 102006022192 A 20060512; EP 07723679 A 20070328; EP 2007002733 W 20070328; US 30053107 A 20070328