

Title (en)

INDIRECT ELECTROHYDRAULIC PRESS FORMING TOOL, DEVICE AND METHOD

Title (de)

INDIREKTES ELEKTROHYDRAULISCHES PRESSFORMWERKZEUG, VORRICHTUNG UND VERFAHREN

Title (fr)

OUTIL, DISPOSITIF ET PROCÉDÉ DE FORMAGE PAR EMBOUTISSAGE ÉLECTROHYDRAULIQUE INDIRECT

Publication

**EP 3496876 B1 20200715 (FR)**

Application

**EP 17751301 A 20170725**

Priority

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- EP 2017068757 W 20170725

Abstract (en)

[origin: WO2018028979A1] An indirect electrohydraulic press forming tool (110; 210) comprising: - a body (113; 213) comprising a tubular cylindrical zone (113a; 213a), - a chamber (115; 215) intended to be filled with a liquid, - two electrodes (116a, 116b; 216a, 216b), each of the electrodes having a portion arranged in the chamber (115; 215), - a punch (111; 211). The tool also comprises: - a piston (114; 214) mounted sliding in a sealed manner in the cylindrical zone and delimiting the chamber (115; 215) in a sealed manner. Moreover, the punch (111; 211) is carried by the piston (114; 214) on a face of the latter opposite the chamber (114b; 214a).

IPC 8 full level

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