

Title (en)
Method for stamping metal parts

Title (de)
Formschmiedeverfahren von Metallteilen

Title (fr)
Procédé d'étampage de pièces métalliques

Publication
EP 2140953 B1 20111228 (FR)

Application
EP 09164491 A 20090703

Priority
CH 10452008 A 20080704

Abstract (en)
[origin: EP2140953A1] Process of stamping of a metal or metal alloy component using matrix of a press, comprises: (a)preparing a lubricating composition comprising at least one anionic surfactant compound and at least one amphoteric or non-ionic surfactant compound, in an aqueous solution; (b) bubbling a gas in the composition; applying the obtained composition on the component; and (c) stamping the component by applying a pressure on a patch, volume and dimensions for obtaining the component, through the matrix.

IPC 8 full level
B21D 22/20 (2006.01); **B21D 37/18** (2006.01); **C10M 103/00** (2006.01)

CPC (source: EP)
B21D 22/201 (2013.01); **B21D 37/18** (2013.01); **C10M 173/02** (2013.01); **C10M 2201/16** (2013.01); **C10M 2207/10** (2013.01); **C10M 2209/104** (2013.01); **C10M 2219/044** (2013.01); **C10N 2040/24** (2013.01)

C-Set (source: EP)
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DOCDB simple family (publication)
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