

Title (en)

COMPACTING AUXILIARY AGENT FOR PRODUCING SINTERABLE SHAPED PARTS FROM A METAL POWDER

Title (de)

PRESSHILFSMITTEL ZUR HERSTELLUNG VON SINTERBAREN FORMTEILEN AUS METALLPULVER

Title (fr)

ADJUVANT DE COMPACTAGE POUR PRODUIRE DES PIECES MOULEES FRITTABLES A PARTIR D'UNE POUDRE DE METAL

Publication

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Application

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Priority

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- EP 9807406 W 19981118

Abstract (en)

[origin: DE19752993A1] The invention relates to a method for producing sinterable shaped metallic parts from a metal powder to which a compacting auxiliary agent has been added. Said compacting auxiliary agent contains at least partially components from the family of polyalkylene glycols. The metal powder is placed in the mould and compacted under pressure before being discharged from the mould in the form of a shaped compacted part.

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B22F 3/02; **B22F 1/00**

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US 6224823 B1 20010501; AR 009920 A1 20000503; AT E214988 T1 20020415; BR 9807116 A 20000425; CA 2279275 A1 19990610; CA 2279275 C 20060418; DE 19752993 A1 19990602; DE 59803513 D1 20020502; EP 0968068 A1 20000105; EP 0968068 B1 20020327; ES 2173662 T3 20021016; JP 2000517004 A 20001219; JP 3386078 B2 20030310; KR 100341359 B1 20020622; KR 20000070202 A 20001125; TW 434064 B 20010516; WO 9928069 A1 19990610

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US 35538799 A 19990727; AR P980106011 A 19981126; AT 98964406 T 19981118; BR 9807116 A 19981118; CA 2279275 A 19981118; DE 19752993 A 19971128; DE 59803513 T 19981118; EP 9807406 W 19981118; EP 98964406 A 19981118; ES 98964406 T 19981118; JP 52980699 A 19981118; KR 19997006428 A 19990715; TW 87119568 A 19990212