

Title (en)  
Powder compaction method

Title (de)  
Verfahren zum Verdichten von Pulver

Title (fr)  
Procédé de compactage de poudre

Publication  
**EP 0988959 A2 20000329 (EN)**

Application  
**EP 99118060 A 19990923**

Priority  
JP 26927398 A 19980924

Abstract (en)  
A powder compaction method in which a powder p is filled by air tapping or other suitable method into a mold 1, then while the mold 1 being filled with the powder, the powder particles are bound with each other without application of force from outside the mold to form a compact C, and then the compact C is taken out from the mold 1. This method produces a variety of shapes of the compact far greater than in conventional methods, and net shape manufacturing of products with complex shapes is made possible by this method. Because this method uses far less binder compared to MIM and PIM that are expected as methods for producing products with complicated shapes, the time needed for elimination of the binder is much shorter than in MIM and PIM. <IMAGE>

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**B29C 67/02**

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
CN105235274A; EP1083125A3; EP2952436A4; EP3260380A1; US11370020B2; US9384890B2; US9449758B1

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