

Title (en)  
Improvements in or relating to the manufacture of three-dimensional objects

Title (de)  
Herstellung von dreidimensionalen Objekten

Title (fr)  
Fabrication d'objets en trois dimensions

Publication  
**EP 0712051 A3 19970618 (EN)**

Application  
**EP 95308046 A 19951109**

Priority  
US 33659494 A 19941109

Abstract (en)  
[origin: EP0712051A2] A prototype including both a main part and support part is fabricated on a platform. A first charging device charges a first charged area and a first material dispensed by a first dispensing device is attracted to the first charged area. A second charging device charges a second charged area and a second material dispensed by the second dispensing device is attracted to the second charged area. The first and second charging devices as well as the first and second dispensing devices are moveable to build a layer of the main part and support part.  
<IMAGE>

IPC 1-7  
**G03G 15/045**

IPC 8 full level  
**B22C 7/02** (2006.01); **G03G 13/00** (2006.01); **G03G 15/22** (2006.01); **G03G 15/32** (2006.01); **G06F 17/50** (2006.01)

CPC (source: EP US)  
**G03G 15/04045** (2013.01 - EP); **G03G 15/221** (2013.01 - EP); **G03G 15/321** (2013.01 - EP US)

Citation (search report)

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- [Y] US 5088047 A 19920211 - BYNUM DAVID K [US]
- [A] WO 9222430 A1 19921223 - SINVENT AS [NO]
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 253 (P - 606) 18 August 1987 (1987-08-18)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 557 (P - 1626) 7 October 1993 (1993-10-07)

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