

Title (en)
Manufacturing device for three-dimensional composition

Title (de)
Vorrichtung zur Herstellung von dreidimensionalen Gegenständen

Title (fr)
Dispositif de fabrication d'un objet en trois dimensions

Publication
EP 1219365 A2 20020703 (EN)

Application
EP 01131035 A 20011228

Priority
JP 2000401385 A 20001228

Abstract (en)
The manufacturing device for the three-dimensional composition comprising by composing three dimensional X interconnecting structural part (the 3X interconnecting structural composition ST1, the 4X interconnecting structural composition ST2, and the 6X-3X interconnecting structural composition ST3) by applying the composition principle of the braid. The manufacturing device for the three-dimensional composition, comprising the three-dimensional compositions ST1, ST2, ST3 by the numerous filiform elements pulled out of the numerous bobbins 2 individually, characterizes in having the filiform element supply means 3 for supplying said numerous filiform elements individually to the composed position P1, the filiform element distributing means 4 for composing numerous filiform elements supplied from the filiform element supply means are supported by at least three and the filiform elements from at least three directions are interconnected at intervals to the composing direction and they diverge to at least three directions and the composition pulling-up means 5 for pulling up the composed composition. <IMAGE>

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IPC 8 full level
D04C 5/00 (2006.01); **B21F 27/00** (2006.01); **D03D 41/00** (2006.01); **D04C 1/06** (2006.01)

CPC (source: EP US)
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DE

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EP 1219365 A2 20020703; **EP 1219365 A3 20031112**; JP 2002201555 A 20020719; US 2002083821 A1 20020704

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