

Title (en)
Spinning beam

Title (de)
Spinnbalken

Title (fr)
Bloc de filage

Publication
EP 0828017 B1 20011128 (DE)

Application
EP 97113583 A 19970806

Priority
DE 19635846 A 19960904

Abstract (en)
[origin: EP0828017A2] A beam (1) for the melt spinning of chemical fibres which is formed as a gas-tight container (2) is penetrated by perpendicular tubes (3) each of which is fixed to a spinneret pot (16) enclosed from below by a spinneret plate (24). Each pot is connected to a melt feed conduit (7, 8) via a metering pump (10, 11, 12, 15). Each tube is attached to a support plate (4), which fills its cross-section and is attached to the metering pump and the pot below. The feed conduit is connected to a melt channel (8A) set in the support plate and via the pump in a pressure-tight connection to the spinneret pot. Also claimed are: (i) a process for manufacturing the above melt spinning beam; and (ii) a spinning system with two beams back-to-back about a vertical symmetrical plane with a transverse blower duct below the beams.

IPC 1-7
D01D 4/06; **D01D 4/08**

IPC 8 full level
D01D 4/00 (2006.01); **D01D 4/06** (2006.01); **D01D 4/08** (2006.01)

CPC (source: EP US)
D01D 4/00 (2013.01 - EP US)

Cited by
CN105378161A; CN102465346A; US7172399B2; US7125238B2; WO2004088007A1; WO2015003823A1

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EP 0828017 A2 19980311; **EP 0828017 A3 19981111**; **EP 0828017 B1 20011128**; CN 1176320 A 19980318; DE 59705514 D1 20020110; TW 399109 B 20000721; US 6083432 A 20000704

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EP 97113583 A 19970806; CN 97117932 A 19970903; DE 59705514 T 19970806; TW 86112687 A 19970903; US 92320597 A 19970904