

Title (en)  
Device for coloring spinning yarn material

Title (de)  
Vorrichtung zum Färben von Spinn garnen

Title (fr)  
Dispositif pour colorer des fils filés

Publication  
**EP 1054083 A1 20001122 (EN)**

Application  
**EP 99119448 A 19990930**

Priority  
JP 14176499 A 19990521

Abstract (en)  
A spinning yarn material coloring device (10) which is applicable any spinning methods, which makes it possible to change colors in a short time with a small amount of cleaning polymer, and which eliminates the possibility of deterioration of coloring ink. Spinning yarn material supplied into a terminal end (3a) of a distributing pipe (3) is fed into a mixing block (30) through a metering pump (4). On the other hand, from a coloring ink tank (20), coloring ink is fed through a supply pipe (21) and metering pump (22) into the mixing block (30), and injected through a nozzle (40) into the spinning yarn material for mixing. The mixture is supplied to a spinning pack (5) for spinning. <IMAGE>

IPC 1-7  
**D01D 1/06**; **D01F 1/04**; **D01F 1/06**

IPC 8 full level  
**D01D 1/02** (2006.01); **D01D 1/06** (2006.01); **D01F 1/04** (2006.01); **D01F 1/06** (2006.01)

CPC (source: EP)  
**D01D 1/065** (2013.01); **D01F 1/04** (2013.01); **D01F 1/06** (2013.01)

Citation (search report)

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