

Title (en)
COLORING NOZZLE

Title (de)
FÄRBEDÜSE

Title (fr)
BUSE DE COLORATION

Publication
EP 2049266 A1 20090422 (EN)

Application
EP 07745322 A 20070608

Priority
• JP 2007062067 W 20070608
• JP 2006215698 A 20060808

Abstract (en)
[origin: WO2008018236A1] A coloring nozzle for coloring an electric wire includes an insert member for containing coloring material, a nozzle element 54 connected to the insert member, and the like. The nozzle element 54 includes a first nozzle member 37 disposed at the insert member side, a second nozzle member 50 disposed at the electric wire side, and a connecting pipe 51 for connecting the first nozzle member 37 and the second nozzle member 50. The second nozzle member 50 includes a second large diameter part 151 disposed near the first nozzle member 37, and of which inner diameter is smaller than that of the first nozzle member 37; a small diameter part 152 disposed nearer the electric wire than the second large diameter part 151, and of which inner diameter is smaller than that of the second large diameter part 151; and a first large diameter part 153 disposed nearer the electric wire than the small diameter part 152, and of which inner diameter is larger than the small diameter part 152. An inside of the second nozzle member 50 is formed in a step shape.

IPC 8 full level
B05B 1/02 (2006.01); **B05B 5/025** (2006.01)

CPC (source: EP)
B05B 1/02 (2013.01); **B05B 13/0207** (2013.01); **B05B 15/55** (2018.01)

Citation (search report)
See references of WO 2008018236A1

Designated contracting state (EPC)
LT PT SK

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008018236 A1 20080214; CN 101500714 A 20090805; CN 101500714 B 20111228; EP 2049266 A1 20090422; EP 2049266 B1 20110727; JP 2008041486 A 20080221; JP 5101844 B2 20121219; MX 2009001301 A 20090213; PT 2049266 E 20110916

DOCDB simple family (application)
JP 2007062067 W 20070608; CN 200780029204 A 20070608; EP 07745322 A 20070608; JP 2006215698 A 20060808; MX 2009001301 A 20070608; PT 07745322 T 20070608