

Title (en)  
ENCAPSULATED TONER AND ITS PRODUCTION PROCESS

Title (de)  
KAPSELTONER UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
TONER ENCAPSULE ET SON PROCEDE DE PRODUCTION

Publication  
**EP 0952495 A1 19991027 (EN)**

Application  
**EP 97909708 A 19971031**

Priority  
• JP 9703972 W 19971031  
• JP 31009196 A 19961106

Abstract (en)  
A polymerized toner of core-shell structure, comprising core particles composed of colored polymer particles, which comprise a polyfunctional ester compound formed of a trifunctional or still higher polyfunctional polyhydric alcohol and a carboxylic acid, and a colorant, and shell which is formed of a polymer having a glass transition temperature higher than that of a polymer component making up the core particles and covers each of the core particles, a production process thereof, an image forming process comprising using the polymerized toner, and an image forming apparatus containing the polymerized toner. <IMAGE>

IPC 1-7  
**G03G 9/093**

IPC 8 full level  
**G03G 9/093** (2006.01); **G03G 9/097** (2006.01)

CPC (source: EP KR)  
**G03G 9/08782** (2013.01 - EP); **G03G 9/093** (2013.01 - KR); **G03G 9/09314** (2013.01 - EP); **G03G 9/09371** (2013.01 - EP);  
**G03G 9/09733** (2013.01 - EP)

Cited by  
US6720122B1; EP1258511A3; US7892716B2; EP1748320A3; US7572564B2; US6777463B2; EP3141963A1; US7595138B2; US7282312B2;  
US7842449B2; WO2004090644A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0952495 A1 19991027**; **EP 0952495 A4 20000510**; **EP 0952495 B1 20090114**; DE 69739222 D1 20090305; EP 2042932 A1 20090401;  
JP 3670667 B2 20050713; KR 100533491 B1 20051206; KR 20000053037 A 20000825; WO 9820396 A1 19980514

DOCDB simple family (application)  
**EP 97909708 A 19971031**; DE 69739222 T 19971031; EP 08106032 A 19971031; JP 52121298 A 19971031; JP 9703972 W 19971031;  
KR 19997003934 A 19990503