

Title (en)

COMPOSITION AND PROCESS FOR FORMING AN UNDERPAINT COATING ON METALS

Title (de)

ZUSAMMENSETZUNG UND VERFAHREN ZUR BILDUNG EINER PRIMERBESCHICHTUNG AUF METALLEN

Title (fr)

COMPOSITION SERVANT A FORMER UNE COUCHE INTERMEDIAIRE DE PEINTURE SUR DES METAUX ET PROCEDE CORRESPONDANT

Publication

**EP 0813620 A4 19980225 (EN)**

Application

**EP 96907132 A 19960305**

Priority

- JP 4760595 A 19950307
- US 9602677 W 19960305

Abstract (en)

[origin: WO9627692A1] A zinc phosphating composition containing organoperoxide along with zinc ions and phosphate ions forms finely crystalline, dense, and thin conversion coatings on metal surfaces that are normally zinc phosphate conversion coated, even at coating temperatures below 50 DEG C and without any "conditioning" of the surface before conversion coating by contact of the surface to be conversion coated with a conventional colloidal suspension of titanium salts.

IPC 1-7

**C23C 22/16**

IPC 8 full level

**C23C 22/16** (2006.01); **C23C 22/36** (2006.01)

CPC (source: EP)

**C23C 22/16** (2013.01); **C23C 22/362** (2013.01)

Citation (search report)

- [X] FR 2410055 A1 19790622 - ICI LTD [GB]
- [X] GB 828916 A 19600224 - PYRENE CO LTD
- [E] WO 9617976 A1 19960613 - HENKEL CORP [US], et al
- [E] WO 9627693 A1 19960912 - HENKEL CORP [US], et al
- [A] US 4171231 A 19791016 - BISHOP CRAIG V [US], et al
- [A] EP 0414296 A1 19910227 - METALLGESELLSCHAFT AG [DE], et al
- [A] FR 2365642 A1 19780421 - PARKER STE CONTINENTALE [FR]
- See references of WO 9627692A1

Designated contracting state (EPC)

AT DE ES FR GB

DOCDB simple family (publication)

**WO 9627692 A1 19960912**; AR 001178 A1 19970924; AU 5029196 A 19960923; AU 699822 B2 19981217; BR 9607700 A 19980707; CA 2214654 A1 19960912; EP 0813620 A1 19971229; EP 0813620 A4 19980225; MX 9706315 A 19971129; ZA 961841 B 19960911

DOCDB simple family (application)

**US 9602677 W 19960305**; AR 33567196 A 19960308; AU 5029196 A 19960305; BR 9607700 A 19960305; CA 2214654 A 19960305; EP 96907132 A 19960305; MX 9706315 A 19960305; ZA 961841 A 19960306