

Title (en)
1-HYDROXYMETHYL POLYOLEFIN VIA HYDROFORMYLATION

Publication
EP 0396693 A4 19910522 (EN)

Application
EP 89912168 A 19891025

Priority
US 27036088 A 19881114

Abstract (en)
[origin: WO9005711A1] The hydroformylation reaction product obtained by reacting polybutene having degree of polymerization greater than 6 with carbon monoxide and hydrogen in the presence of a cobalt catalyst at a temperature in the range of about 125 DEG C to about 225 DEG C and at a pressure of about 1000 to about 5000 psi, wherein the molar ratio of hydrogen to carbon monoxide is about 1 to 3:1.

IPC 1-7
C07C 29/16

IPC 8 full level
B01J 31/20 (2006.01); **C07B 61/00** (2006.01); **C07C 29/16** (2006.01); **C08F 8/00** (2006.01); **C08F 8/06** (2006.01)

CPC (source: EP KR)
C07C 29/16 (2013.01 - EP KR); **C08F 8/00** (2013.01 - EP)

C-Set (source: EP)
1. **C08F 8/00 + C08F 10/08**
2. **C07C 29/16 + C07C 33/025**

Citation (search report)
• [X] EP 0277345 A1 19880810 - BASF AG [DE]
• See references of WO 9005711A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 9005711 A1 19900531; AU 4502989 A 19900612; CA 2002877 A1 19900514; EP 0396693 A1 19901114; EP 0396693 A4 19910522; JP H03502944 A 19910704; KR 900701708 A 19901204

DOCDB simple family (application)
US 8904754 W 19891025; AU 4502989 A 19891025; CA 2002877 A 19891114; EP 89912168 A 19891025; JP 51131689 A 19891025; KR 900701493 A 19900712