

Title (en)
LINEAR ALTERNATING FUNCTIONALIZED \$g(a)\$-OLEFIN/CO-COPOLYMERS AND THEIR USE IN PREPARING ION-SELECTIVE MEMBRANES

Title (de)
LINEARE ALTERNIERENDE FUNKTIONALISIERTE \$g(a)\$-OLEFIN/CO-COPOLYMERE UND DEREN VERWENDUNG FÜR DIE HERSTELLUNG VON IONENSELEKTIVEN MEMBRANEN

Title (fr)
\$g(a)\$-OLEFINE/CO-COPOLYMERES FONCTIONNALISES ALTERNES LINEAIRES ET LEUR UTILISATION POUR PRODUIRE DES MEMBRANES A SELECTION IONIQUE

Publication
EP 0971971 A1 20000119 (DE)

Application
EP 98916986 A 19980318

Priority
• DE 19714031 A 19970404
• EP 9801553 W 19980318

Abstract (en)
[origin: DE19714031A1] The invention concerns linear alternating alpha -olefin/CO-copolymers obtained by polymerizing a monomer mixture that contains: a) carbon monoxide; b) 1-alkenes which are functionalized in the polyheteroatom structure with a covalently bonded crown ether or cryptand unit A containing at least 5 heteroatoms selected from the group comprising nitrogen, oxygen, sulphur and/or selenium; and optionally c) C2 to C24 1-alkenes.

IPC 1-7
C08G 67/02

IPC 8 full level
C08J 5/00 (2006.01); **B01D 71/72** (2006.01); **B01J 31/18** (2006.01); **B01J 31/24** (2006.01); **C08G 67/02** (2006.01); **C09D 173/00** (2006.01); **D01F 6/76** (2006.01); **G01N 27/333** (2006.01)

CPC (source: EP US)
B01D 71/26 (2013.01 - US); **B01D 71/72** (2013.01 - EP US); **B01D 71/76** (2013.01 - EP US); **B01J 31/18** (2013.01 - EP US); **B01J 31/1805** (2013.01 - EP US); **B01J 31/2409** (2013.01 - EP US); **C08G 67/02** (2013.01 - EP US); **G01N 27/3335** (2013.01 - EP US); **B01D 71/26** (2013.01 - EP); **B01J 2531/80** (2013.01 - EP US); **B01J 2531/824** (2013.01 - EP US)

Designated contracting state (EPC)
BE DE ES FR GB IT NL

DOCDB simple family (publication)
DE 19714031 A1 19981008; AU 7036498 A 19981030; EP 0971971 A1 20000119; JP 2001518951 A 20011016; US 6133410 A 20001017; WO 9845352 A1 19981015

DOCDB simple family (application)
DE 19714031 A 19970404; AU 7036498 A 19980318; EP 9801553 W 19980318; EP 98916986 A 19980318; JP 54229598 A 19980318; US 40209199 A 19990929