

Title (en)
CARRIER FOR ETHYLENE OXIDE CATALYSTS

Title (de)
TRÄGER FÜR EHTYLENOXIDKATALYSATOREN

Title (fr)
SUPPORT POUR CATALYSEURS D'OXYDE D'ÉTHYLÈNE

Publication
EP 2782669 A4 20151104 (EN)

Application
EP 11876248 A 20111121

Priority
US 2011061660 W 20111121

Abstract (en)
[origin: WO2013077839A1] An improved carrier for an ethylene epoxidation catalyst is provided. The carrier includes an alumina component containing a first portion of alumina particles having a mean primary particle size of, or greater than, 2 m and up to 6 m, and a second portion of alumina particles having a particle size less than 2 m. An improved catalyst containing the above-described carrier, as well as an improved process for the epoxidation of ethylene using the catalyst are also provided.

IPC 8 full level
B01J 21/04 (2006.01); **C07B 61/00** (2006.01); **C07D 301/04** (2006.01); **C07D 303/04** (2006.01)

CPC (source: EP KR)
B01J 21/04 (2013.01 - EP KR); **B01J 21/12** (2013.01 - EP KR); **B01J 23/02** (2013.01 - EP KR); **B01J 23/36** (2013.01 - EP KR); **B01J 23/50** (2013.01 - KR); **B01J 23/688** (2013.01 - EP KR); **B01J 35/40** (2024.01 - EP KR); **B01J 35/612** (2024.01 - EP KR); **B01J 35/633** (2024.01 - EP KR); **B01J 35/653** (2024.01 - EP KR); **B01J 35/657** (2024.01 - EP KR); **B01J 35/67** (2024.01 - EP KR); **B01J 37/0009** (2013.01 - EP); **B01J 37/0018** (2013.01 - EP KR); **C07B 61/00** (2013.01 - KR); **C07D 301/10** (2013.01 - EP KR); **C07D 303/04** (2013.01 - KR)

Citation (search report)
• [E] WO 2011153390 A2 20111208 - SCIENT DESIGN CO [US], et al & EP 2576047 A2 20130410 - SCIENT DESIGN CO [US], et al
• [E] US 2012226058 A1 20120906 - PAK SERGUEI [US], et al
• [XY] US 2006036104 A1 20060216 - LU JIAN [US], et al
• [XY] US 5929259 A 19990727 - LOCKEMEYER JOHN ROBERT [US]
• See also references of WO 2013077839A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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