

Title (en)

PROCESS FOR PRODUCING CYCLOHEXANONE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON CYCLOHEXANON

Title (fr)

PROCÉDÉ DE PRODUCTION DE CYCLOHEXANONE

Publication

EP 2303822 A1 20110406 (EN)

Application

EP 09739316 A 20090219

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- EP 09739316 A 20090219

Abstract (en)

[origin: WO2009134514A1] In a process for producing cyclohexanone, cyclohexylbenzene is oxidized to produce cyclohexylbenzene hydroperoxide and then the resultant cyclohexylbenzene hydroperoxide is cleaved to produce an effluent stream comprising phenol and cyclohexanone. At least a portion of the effluent stream is then fed to at least one hydrogenation reaction zone, where the effluent stream portion is contacted with hydrogen in the presence of a hydrogenation catalyst under conditions effective to convert at least part of the phenol in the effluent portion into cyclohexanone.

IPC 8 full level

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CPC (source: CN EP)

C07C 37/07 (2013.01 - CN EP); **C07C 37/08** (2013.01 - CN EP); **C07C 45/006** (2013.01 - CN EP); **C07C 45/53** (2013.01 - CN EP); **C07C 407/00** (2013.01 - CN EP); **C07C 409/14** (2013.01 - EP); **C07C 2601/14** (2017.04 - EP)

Citation (search report)

See references of WO 2009134514A1

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