

ASSET LIST

LOT 106: OLEFINS/ETHYLENE PRODUCTION PROCESS PATENTS FOR SALE

106号专利包：烯烃/乙烯制造工艺专利待拍

Ocean Tomo Bid-Ask™ Market patent auction lot 106 consists of six U.S. assets. The present portfolio is widely applicable to the manufacturing process of Olefins/ethylene. The inventions can be utilized in various areas such as oil drilling, surfactants, lubricants, agrochemicals, pharmaceuticals, and others. The portfolio is novel in different aspects. First, the production process of olefins/ethylene presented in the portfolio is robust and easy to install. Second, the process is integrated, economical to operate and can reduce the inefficiencies characterizing conventional processes. Some patents of the present portfolio provide an option to produce olefins not being dependent on a catalyst. Some other patents provide an improved reactor method for the catalytic oxychlorination of an olefin hydrocarbon by using a catalyst. The growing automotive industry and rising consumer goods industry is expected to bolster the global light olefins market. The market was valued at USD 254.6 billion in 2016 and is expected to reach USD 475.8 billion by the end of 2023.

Ocean Tomo Bid-Ask™ 市场上的106号专利包由6个美国专利组成。所述专利包的技术广泛适用于烯烃/乙烯的生产工艺。该发明可应用于各种领域，例如石油钻探、表面活性剂、润滑剂、农用化学品、制药行业等。该专利包的新颖之处包括如下方面。第一，提供了一种有效且易于安装的烯烃/乙烯的生产工艺。其次，该工艺是集成式的，操作过程经济性强，且能减少传统工艺效率低下的问题。该专利包中的一些专利使乙烯生产不必依赖催化剂。其他专利提供了一种改良的反应器方法，使用催化剂进行烯烃的催化氯化。据预期，汽车工业的增长和消费品工业发展将提振全球轻烯烃市场。2016年市场价值为2546亿美元，预计到2023年底将达到4758亿美元。

For further information or to bid on this lot, please email Bid-Ask@OceanTomo.com.
竞拍该专利包或详询更多信息，欢迎联系 Bid-Ask@OceanTomo.com.

| NO. 序号 | PUBLICATION NO. 公开号 | PATENT TITLE 专利名称 | PRIMARY IP CLASS IPC主分类号 | PRIORITY DATE 优先权日 | FILE DATE 申请日 | ISSUE/ PUBLICATION DATE 公开日 | NO. OF FORWARD CITATIONS 前引数量 |
|-----------|---------------------------|---|--------------------------------|--------------------------|---------------------|--------------------------------------|--|
| 1 | US9169168B2 | Process for producing ethylene by chlorination of ethane and dehydrochlorination of ethyl chloride 通过乙烷氯化 and 氯乙烷脱氯化氢生产乙烯的方法 | C07C 17/154 | 2013-04-10" | 2013-04-10" | 10/27/15 | 0 |
| 2 | US7999138B2 | Methyl amines to olefins 甲胺制烯烃 | C07C 209/16 | 1/21/10 | 1/21/10 | 8/16/11 | 0 |
| 3 | US8030530B2 | Swing reactor and process for oxychlorination 回转电抗器及氯化法 | C07C 17/15 | 6/17/08 | 12/8/09 | 10/4/11 | 0 |
| 4 | US7091391B2 | Methane to olefins 甲烷制烯烃 | C07C 1/00 | 3/19/03 | 3/19/03 | 8/15/06 | 28 |
| 5 | US7649116B1 | Formation of olefins from methyl mercaptan 由甲基硫醇形成烯烃 | C07C 319/00 | 5/31/06 | 3/28/08 | 1/19/10 | 0 |
| 6 | US7381847B2 | Methyl mercaptan to olefins 甲硫醇制烯烃 | C07C 321/00 | 5/31/06 | 5/31/06 | 6/3/08 | 0 |