

Title (en)

ADJUSTABLE CRANKSHAFT ECCENTRIC FOR BODYMAKER RAM STROKE CHANGE

Title (de)

VERSTELLBARER KURBELWELLENEXZENTER FÜR STÖSSELHUBVERÄNDERUNG EINES KÖRPERFORMERS

Title (fr)

EXCENTRIQUE DE VILEBREQUIN RÉGLABLE POUR CHANGEMENT DE COURSE DE VÉRIN DE MACHINE À FORMER LES CORPS

Publication

EP 3727829 A4 20210915 (EN)

Application

EP 18891750 A 20181218

Priority

- US 201715850414 A 20171221
- US 2018066119 W 20181218

Abstract (en)

[origin: WO2019126091A1] A bodymaker (10) includes a rotating crankshaft (600) including an offset crank (602), the adjustable eccentric assembly (620) including an eccentric shell assembly (630). The eccentric shell assembly (630) is operatively coupled to the crankshaft crank (602). A primary connection rod (300) is operatively coupled to the eccentric shell assembly (630). A ram assembly (12) is operatively coupled to the primary connection rod (300). The ram assembly (12) includes an elongated ram. In this configuration, the ram reciprocates over a stroke that is a function of the orientation of the eccentric shell assembly (630). Further, in an exemplary embodiment, the ram assembly (12) is structured to adjust the range of the ram body (30) stroke through a die pack (16) without substantially decoupling a number of substantial components.

IPC 8 full level

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CPC (source: CN EP)

B21D 22/28 (2013.01 - CN EP); **B21D 51/26** (2013.01 - CN EP); **B30B 1/06** (2013.01 - CN EP); **B30B 15/0029** (2013.01 - CN EP); **F16C 3/28** (2013.01 - CN); **F16C 9/04** (2013.01 - CN); **F16C 3/28** (2013.01 - EP); **F16C 9/04** (2013.01 - EP)

Citation (search report)

- [XAI] GB 898575 A 19620614 - TURNER BROTHERS BIRMINGHAM LTD
- [XAI] GB 742141 A 19551221 - HORDERN MASON & EDWARDS LTD
- See also references of WO 2019126091A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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