

Title (en)
RIVET OR PUNCHING PRESS

Title (de)
NIET- ODER STANZWERKZEUG

Title (fr)
OUTIL DE RIVETAGE OU DE POINÇONNAGE

Publication
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Application
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Citation (examination)

- DE 102011052115 A1 20130131 - TKR SPEZIALWERKZEUGE GMBH [DE]
- EP 3311935 A1 20180425 - WS WIELAENDER SCHILL ENG GMBH & CO KG [DE]

Cited by
DE102022122238A1; EP4331742A1

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