

Title (en)
ANGLE SHEARS

Publication
EP 0270493 B1 19920429 (DE)

Application
EP 87810673 A 19871117

Priority
AT 319586 A 19861201

Abstract (en)
[origin: US4815349A] An angle shear for cutting a sheet metal plate in two directions shear comprises a feed table, associated therewith longitudinal and transverse cutting blades guide means, and a rotary device arranged above the feed table. Longitudinal feeding means can be retracted from the work position to a position beneath the table level and are arranged in a transverse row. Transverse feeding means can be arranged at the table level and forms a longitudinal row. Both the longitudinal and transverse feeding means cooperate with side stops, which are arranged and distributed within a plane extending in longitudinal and transverse direction. The angle shear provides for automatic feeding of sheets and stacking at several stations.

IPC 1-7
B21D 43/28

IPC 8 full level
B21D 43/28 (2006.01); **B23D 33/02** (2006.01); **B26D 1/08** (2006.01)

CPC (source: EP US)
B21D 43/287 (2013.01 - EP US); **Y10T 83/6476** (2015.04 - EP US); **Y10T 83/6491** (2015.04 - EP US); **Y10T 83/9444** (2015.04 - EP US)

Citation (examination)
EP 0150837 A2 19850807 - HAEMMERLE AG MASCHF [CH]

Cited by
CN116422972A; WO0048932A3

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0270493 A2 19880608; EP 0270493 A3 19890426; EP 0270493 B1 19920429; AT 387172 B 19881212; AT A319586 A 19880515; DE 3778656 D1 19920604; ES 2030758 T3 19921116; JP S63156611 A 19880629; US 4815349 A 19890328

DOCDB simple family (application)
EP 87810673 A 19871117; AT 319586 A 19861201; DE 3778656 T 19871117; ES 87810673 T 19871117; JP 30439887 A 19871201; US 12519687 A 19871125