

Title (en)
DRAWING DEVICE FOR TUBES WITH A CAMBERED WALL AT THE END

Publication
EP 0255590 B1 19890816 (DE)

Application
EP 87108656 A 19870616

Priority
DE 3626235 A 19860802

Abstract (en)
[origin: EP0255590A2] 1. Drawing device for tubes having a dished tube walling at their end, characterized in that - a spike-shaped drawing rod (15) rests with its head (16) against the interior of the dished tube walling (12), whereas a shaft (17) of the drawing rod is protruding ; - the drawing rod (15) is guided by means of an axial pole (22) mounted at its rear end in a bore of the drawing stopper (20) and in the stopper rod (23) formed as a tube ; - for the back transport of the drawing rod (15) after the drawing process, there are provided in the region of the drawing nozzle (14) driving rollers (24) which by means of transverse transport can be brought into an abutment in a free section of the axial pole (22) ; characterized by the following further features : - behind the drawing stopper (20) there are provided slots (27) in the tube (23) serving as stopper rod for the passage of the driving rollers (24).

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B21C 1/22

IPC 8 full level
B21C 1/22 (2006.01); **B21C 1/24** (2006.01); **B21C 3/16** (2006.01)

CPC (source: EP)
B21C 1/24 (2013.01); **B21C 3/16** (2013.01)

Cited by
CN107188394A; DE102010022123A1; DE102010022123B4

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EP 0255590 A2 19880210; EP 0255590 A3 19880420; EP 0255590 B1 19890816; AT E45519 T1 19890915; DE 3626235 C1 19871126; ES 2010205 B3 19891101

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