

Title (en)  
EXTRACTION TOOL

Publication  
**EP 0499580 A3 19930127 (DE)**

Application  
**EP 92810071 A 19920131**

Priority  
DE 4104073 A 19910211

Abstract (en)  
[origin: EP0499580A2] The extraction tool (1) for expanding sleeves (2) of anchors consists of a shank (1a) which has a conical external thread (1b) tapering towards one, free end and carries a force-application means (1c) at the other end. The shank (1a) has a central passage bore (1d), extending in the longitudinal direction, for receiving anchor bolts (4). After relieving the expanding sleeve (2) by axially driving in the anchor bolt (4), the extraction tool (1) can be screwed, by way of its external thread (1b), into the gap between the anchor bolt (4) and the expanding sleeve (2). By screwing in the extraction tool (1), the external thread (1b) cuts into the internal wall (2b) of the expanding sleeve (2) and thus forms a positive connection. By applying an axial force to the force-application means (1c), the expanding sleeve (2) can be extracted from the drill hole (9) of the receiving material (3). <IMAGE>

IPC 1-7  
**B25B 27/02**

IPC 8 full level  
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**B25B 27/023** (2013.01 - EP US); **B25B 31/00** (2013.01 - EP US); **Y10T 29/53843** (2015.01 - EP US); **Y10T 29/53848** (2015.01 - EP US); **Y10T 29/53883** (2015.01 - EP US)

Citation (search report)  
[X] US 1382835 A 19210628 - JOHNSON ARTHUR K

Cited by  
DE4220300A1; DE102004005459A1; EP2455582A3; DE19713541A1; DE19712174A1; DE19712174C2

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