

Title (en)
DRILLING ARM

Publication
EP 0083334 B1 19850619 (DE)

Application
EP 82890181 A 19821210

Priority
AT 530381 A 19811211

Abstract (en)
[origin: EP0083334A1] 1. A drilling arm, in particular for underground mining, for example for a cutting machine (1), having a support bracket (4) by means of which the drilling arm (3) is fastened to a drill cradle or to the cutting machine, to which support bracket (4) there is articulated, via hydraulic cylinders (6, 7) a drill boom (5) which may be raised, lowered, and pivoted and is possibly telescopic, which drill boom supports a personnel cage (11) and a rotatably mounted drilling carriage (13) with a drilling machine, characterised in that the personnel cage (11) is connected via a support arm (10) with the drill boom (5) which may be raised, lowered, and pivoted and has parallel guide means (14, 15), the drill boom (5) which may be raised, lowered, and pivoted being connected with the parallel guide means via a head (12) which comprises a rotating and pivoting device for the drill carriage (13), and in which the support bracket (4) may preferably be displaced along a longitudinal displacement track (23).

IPC 1-7
E21C 11/02

IPC 8 full level
E21B 7/02 (2006.01); **E21B 15/04** (2006.01)

CPC (source: EP)
E21B 7/025 (2013.01)

Cited by
CN104343395A; EP0207925A3; CN111691823A; EP0203907A1; CN113107379A; DE19956715B4; CN103277046A; EP0137000A1; CN102011547A; AT380535B

Designated contracting state (EPC)
CH DE FR GB LI SE

DOCDB simple family (publication)
EP 0083334 A1 19830706; EP 0083334 B1 19850619; AT 373038 B 19831212; AT A530381 A 19830415; DE 3264332 D1 19850725

DOCDB simple family (application)
EP 82890181 A 19821210; AT 530381 A 19811211; DE 3264332 T 19821210