

Title (en)

SUPPORT STRUCTURE FOR REVERSING STATION IN AN UNDERGROUND MINING CONVEYOR

Title (de)

STÜTZSTRUKTUR FÜR UMKEHRSTATION BEI EINEM UNTERTÄGIGEN BERGBAUFÖRDERER

Title (fr)

STRUCTURE DE SUPPORT POUR UNE STATION DE RENVOI DANS UN CONVOYEUR D'UNE EXPLOITATION MINIERE

Publication

**EP 2875215 A2 20150527 (EN)**

Application

**EP 13739615 A 20130719**

Priority

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- EP 2013002151 W 20130719

Abstract (en)

[origin: WO2014012674A2] A support structure (14) for drive or reversing stations of conveyor or extraction devices in underground mining is described. The support structure (14) has a substructure and an articulated support which may be configured to be vertically adjustable relative thereto by means of a lifting device. At least one spacer element is provided which is configured to be installed between the substructure and the articulated support. A lifting device (18) has two pairs (21A, 21B) of lifting cylinders (21) whose lifting cylinders are arranged diagonally opposite one another in corner areas of the articulated support (17) and can be actuated in pairs, and that as the spacer element (20) for a lifting stage at least four, preferably six, distance members (23) are provided of which two in each case are placeable in pairs underneath the pair (21A, 21B) of lifting cylinders (21) which is not loaded during a lifting process.

IPC 8 full level

**E21F 13/06** (2006.01)

CPC (source: CN EP US)

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Citation (search report)

See references of WO 2014012674A2

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