

Title (en)
Shearer chain and shearer

Title (de)
Schrämkkette und Schrämmaschine

Title (fr)
Chaîne de haveuse et haveuse

Publication
EP 2324976 A1 20110525 (FR)

Application
EP 10014639 A 20101116

Priority
BE 200900708 A 20091119

Abstract (en)
The chain has a series of chain links carrying cutting tools (5A-5K). The cutting tools are arranged in a manner to generate a cutting face (6) in a rock, where a portion of the cutting face is concave. Length of the concave portion of the cutting face is higher than 25 percent of total length of the cutting face. The cutting tools are mounted on a tool holder whose profile matches with a profile of the cutting face. The cutting tools are located outside of axial plane of the chain.

Abstract (fr)
Chaîne de haveuse à roche, comprenant une succession de maillons (4) répartis en séquences de maillons portant des outils coupants (5) qui sont disposés en éventail de manière à générer dans la roche (10) un front de taille (6) dont une partie (17), au moins supérieure à 25 % de la longueur dudit front de taille, est concave.

IPC 8 full level
B27B 33/14 (2006.01); **B28D 1/08** (2006.01); **B28D 1/12** (2006.01); **E21C 25/34** (2006.01)

CPC (source: EP)
B27B 33/144 (2013.01); **B27B 33/145** (2013.01); **B28D 1/082** (2013.01); **B28D 1/125** (2013.01); **E21C 25/34** (2013.01)

Citation (applicant)
• FR 2521061 A1 19830812 - FANTINI LUIGI [IT]
• GB 426711 A 19350404 - BRITISH JEFFREY DIAMOND LTD, et al
• EP 0028418 A1 19810513 - PERRIER FERNAND & CIE [FR]

Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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