

Title (en)
A machine for cutting blocks of stone material or concrete manufactured products

Title (de)
Maschine zum Schneiden von Steinblöcken oder Betonteilen

Title (fr)
Machine pour couper des pierres en blocs ou des éléments en béton

Publication
EP 1598161 A1 20051123 (EN)

Application
EP 04425291 A 20040429

Priority
EP 04425291 A 20040429

Abstract (en)
A machine for cutting blocks of stone material or concrete manufactured products comprising a supporting structure and a wire cutting device (14) slidably mounted on the supporting structure (2) according to a predetermined sliding direction, and having at least one driving pulley (19), at least two idle return pulleys (20) coplanar with the driving pulley (19), and a cutting wire (21) which runs along a looped path formed by the pulleys. The idle pulleys (20) form between them an operating section (23) of the cutting wire (21). At the side of the operating section (23), starting from the idle pulleys (20), the looped path of the cutting wire (21) has two secondary sections (25) extending mainly vertically. The secondary sections (25) and the operating section (23) form an offshoot of the path, extending towards a zone (10) for positioning an element to be cut. <IMAGE>

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B28D 1/08

IPC 8 full level
B28D 1/08 (2006.01)

CPC (source: EP)
B28D 1/08 (2013.01)

Citation (search report)
• [AD] US 3158146 A 19641124 - ALLEN CLIFFORD R
• [A] FR 2725931 A1 19960426 - DG CONSTRUCTION [FR]
• [AD] US 5173250 A 19921222 - ICHIKAWA MAKOTO [JP], et al

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