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(21) International Application Number: PCT/SE93/00302 (22) International Filing Date: 7 April 1993 (07.04.93) (30) Priority data: 866,579 10 April 1992 (10.04.92) US (71) Applicant: TELEFONAKTIEBOLAGET LM ERICSSON [SE/SE]; S-126 25 Stockholm (SE). (72) Inventors: GUDMUNDSON, Björn ; Orsavägen 13, S-191 71 Sollentuna (SE). PERSSON, Bengt ; Box 42, S-182 05 Djursholm (SE). (74) Agents: LÖVGREN, Tage et al.; Telefonaktiebolaget LM Ericsson, S-126 25 Stockholm (SE).		(81) Designated States: AU, BR, CA, FI, JP, KR, NZ, Euro- pean patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: TDMA FOR MOBILE ACCESS IN A CDMA SYSTEM		
(57) Abstract		
<p>A method and system for increasing the capacity of radiotelephone communication systems by eliminating interference to communication traffic caused by random access burst from unconnected mobile station are disclosed. Access slots are provided in CDMA signals by interrupting other communication traffic of mobile stations using the same frequency at periodic intervals. This allows mobile access bursts to be received at a base station without interfering with other traffic.</p>		
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